Test Driven Ios Development Graham Lee

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Learning Quartz Composer

Could the story of mankind be far older than we have previously believed? Using tools as varied as archaeo-

astronomy, geology, and computer analysis of ancient myths, Graham Hancock presents a compelling case to suggest that it is. "A fancy piece of historical sleuthing . . . intriguing and entertaining and sturdy enough to give a long pause for thought."—Kirkus Reviews In Fingerprints of the Gods, Hancock embarks on a worldwide quest to put together all the pieces of the vast and fascinating jigsaw of mankind's hidden past. In ancient monuments as far apart as Egypt's Great Sphinx, the strange Andean ruins of Tihuanaco, and Mexico's awe-inspiring Temples of the Sun and Moon, he reveals not only the clear fingerprints of an as-yet-unidentified civilization of remote antiquity, but also startling evidence of its vast sophistication, technological advancement, and evolved scientific knowledge. A record-breaking number one bestseller in Britain, Fingerprints of the Gods contains the makings of an intellectual revolution, a dramatic and irreversible change in the way that we understand our past—and so our future. And Fingerprints of God tells us something more. As we recover the truth about prehistory, and discover the real meaning of ancient myths and monuments, it becomes apparent that a warning has been handed down to us, a warning of terrible cataclysm that afflicts the Earth in great cycles at irregular intervals of time—a cataclysm that may be about to recur. "Readers will hugely enjoy their quest in these pages of inspired storytelling."—The Times (UK)

Happiness for All?

As iOS apps become increasingly complex and

business-critical, iOS developers must ensure consistently superior code quality. This means adopting best practices for creating and testing iOS apps. Test-Driven Development (TDD) is one of the most powerful of these best practices. Test-Driven iOS Development is the first book 100% focused on helping you successfully implement TDD and unit testing in an iOS environment. Long-time iOS/Mac developer Graham Lee helps you rapidly integrate TDD into your existing processes using Apple's Xcode 4 and the OCUnit unit testing framework. He guides you through constructing an entire Objective-C iOS app in a test-driven manner, from initial specification to functional product. Lee also introduces powerful patterns for applying TDD in iOS development, and previews powerful automated testing capabilities that will soon arrive on the iOS platform. Coverage includes Understanding the purpose, benefits, and costs of unit testing in iOS environments Mastering the principles of TDD, and applying them in areas from app design to refactoring Writing usable, readable, and repeatable iOS unit tests Using OCUnit to set up your Xcode project for TDD Using domain analysis to identify the classes and interactions your app needs, and designing it accordingly Considering third-party tools for iOS unit testing Building networking code in a test-driven manner Automating testing of view controller code that interacts with users Designing to interfaces, not implementations Testing concurrent code that typically runs in the background Applying TDD to existing apps Preparing for Behavior Driven Development (BDD) The only iOS-specific guide to TDD and unit testing, Test-Driven iOS Development covers both essential concepts and

practical implementation.

Destined for War

Create Amazing Real-Time Motion Graphics with
Quartz Composer! Apple's Quartz Composer makes it
amazingly easy to create real-time graphics of all
kinds: for screensavers, animations, kiosk art, film
effects, Dashboard Widgets, graphically-rich apps,
and more. But few content creators use QC, because
they've had practically no useful help-until now. In
this book/DVD bundle, two renowned VJs who've
pushed this tool to the limit show you how to do it,
too! You needn't be a technical expert: Graham
Robinson and Surya Buchwald introduce each concept
through a hands-on project, with videos
demonstrating every step. They start extremely
simple, offering beautiful visual feedback and
encouraging you to freely explore. The video and text
work together to help you build mastery fast, as you
create everything from data-driven effects to
compelling live performance visuals! Coverage
includes Mastering Quartz Composer's powerful
interface Grabbing live inputs from music or cameras
for unique interaction and improvisation Outputting
video files for everything from smartphone screens to
HD video edits Using built-in image filters to add
visual effects Creating organic motion with LFOs,
interpolation, and trackballs Fixing problems and
figuring out what you did wrong Making rain, fire, and
other cool stuff with particles Integrating MIDI musical
instruments and other audio resources Mastering
lighting and timelines Building richer environments

with replication, iteration, and 3D modeling Pushing the boundaries with secret patches, CoreImage filters, and GLSL If you're a motion graphics designer, filmmaker, VJ, artist, interactive programmer, Cocoa developer, or any other type of "Maker," this book will guide you from acolyte to wizard in no time and it just might be the most fun instructional you'll ever read! 0321636945 / 9780321636942 Learning Quartz Composer: A Hands-On Guide to Creating Motion Graphics with Quartz Composer Package consists of: 013308776X / 9780133087765 Learning Quartz Composer: A Hands-On Guide to Creating Motion Graphics with Quartz Composer 0321857577 / 9780321857576 Learning Quartz Composer, DVD: A Hands-On Guide to Creating Motion Graphics with Quartz Composer 0321857585 / 9780321857583 Learning Quartz Composer, Book Component: A Hands-On Guide to Creating Motion Graphics with Quartz Composer

Age of the Vampires

This prize-winning novel of a fugitive priest in Mexico is quite simply "Graham Greene's masterpiece" (John Updike, The New York Review of Books). In the Mexican state of Tabasco in the 1930s, all vestiges of Catholicism are being outlawed by the government. As churches are razed, icons are banned, and the price of devotion is execution, an unnamed member of the clergy flees. He's known only as the "whisky priest." Beset by heretical vices, guilt, and an immoral past, he's torn between self-destruction and self-preservation. Too modest to be a martyr, too

stubborn to follow the law, and too craven to take a bullet, he now travels as one of the hunted—attending, in secret, to the spiritual needs of the faithful. When a peasant begs him to return to Tabasco to hear the confessions of a dying man, the whisky priest knows it's a trap. But it's also his duty—and possibly his salvation. Named by Time magazine as one of the hundred best English-language novels written since 1923, The Power and the Glory is "a violent, raw" work on "suffering, strained faith, and ultimate redemption" (The Atlantic).

Green

A sound and practical introduction to automated testing, this book presents a detailed account of the principles of automated testing. The authors provide practical techniques for designing a good automated testing regime, and advice on choosing and applying off-the-shelf testing tools for specific needs.

The Handbook of Blended Learning

A NEW YORK TIMES NOTABLE BOOK OF THE YEAR | SHORT-LISTED FOR THE 2018 LIONEL GELBER PRIZE | NAMED A BEST BOOK OF THE YEAR BY: FINANCIAL TIMES * THE TIMES (LONDON) * AMAZON "Allison is one of the keenest observers of international affairs around."— JOE BIDEN, former vice president of the United States China and the United States are heading toward a war neither wants. The reason is Thucydides's Trap: when a rising power threatens to

displace a ruling one, violence is the likeliest result. Over the past five hundred years, these conditions have occurred sixteen times; war broke out in twelve. Today, as an unstoppable China approaches an immovable America, and both Xi Jinping and Donald Trump promise to make their countries "great again," the seventeenth case looks grim. A trade conflict, cyberattack, Korean crisis, or accident at sea could easily spark a major war. In Destined for War, eminent Harvard scholar Graham Allison masterfully blends history and current events to explain the timeless machinery of Thucydides's Trap—and to explore the painful steps that might prevent disaster today. "[A] must-read book in both Washington and Beijing."— NIALL FERGUSON, BOSTON GLOBE "[Allison is] a first-class academic with the instincts of a first-rate politician."— BLOOMBERG NEWS "[Full of] wide-ranging, erudite case studies that span human history . . . [A] fine book."— NEW YORK TIMES BOOK REVIEW

Software Test Automation

A unique book that consists entirely of test automation case studies from a variety of domains - from the top names in the field * *Proven advice to empower development organizations to save time by mirroring others' experiences and save money by avoiding others' mistakes. *Insightful case studies from a wide variety of domains, including aerospace, pharmaceuticals, insurance, technology, and telecommunications. *Focuses on the basic issues, rather then technology trends, to give the book a long

shelf life. The practice of test automation is becoming more and more popular, but many organizations are not yet experiencing success with it. This book unveils the secrets of how automation has been made to work in reality. The knowledge gained by reading this book can save months or years of effort in automating software testing by helping organizations avoid expensive mistakes and take advantage of proven ideas. By its nature, this book shows the current state of software test automation practice. The authors aim to keep the contributions focused on those things that are more universal (e.g. people issues, return on investment, etc.) and to minimize detailed technical content where this does not impede the process of learning valuable lessons, in order to give the book as long a shelf life as possible. Software practitioners always enjoy reading about what happened to others. For example, at conferences, case study presentations are usually very well attended. The authors/editors have gathered together a collection of experiences from a cross-section of industries and countries, both success stories and failures, in both agile and traditional development. In addition to the case studies, the authors/editors comment on issues raised in these stories, and also include a chapter summarizing good practices and common pitfalls.

Beloved Brands

"Sleep is one of the most important but least understood aspects of our life, wellness, and longevity An explosion of scientific discoveries in the last twenty years has shed new light on this fundamental

aspect of our lives. Now neuroscientist and sleep expert Matthew Walker gives us a new understanding of the vital importance of sleep and dreaming"--Amazon.com.

The Paris Secret

The world is changing. For hundreds of years humans have coexisted with the underground Vampirian nation, thanks to a truce between the human's World's Council and the Vampirian Royal Family. However, darkness is beginning to spread from its holes, and is met with the "negotiations" of the Morgen family; a human family in service to the Vampirian Royal family to "negotiate" with rogue cursed vampires. Katleen Morgen is often left alone while her Father Craig and brother Paul travel year-round for their unique work. Katleen's desire is to follow in the footsteps of her father, brother, and late Mother. However, the World's Council's refusal to allow a female "negotiator" into their ranks stifles her dreams. Her aristocratic friends dream of betrothal and marriage, and want the same for their hopelessly single and isolated friend, but can Katleen take her mind away from the darkness she foresees to pursue a happiness that may not last? Unbeknownst to Katleen, the mansion behind her own is the home of the Vampirian Prince himself, Philip James Coronaldy, as he searches for a bride before his twenty-first birthday in order to claim the throne. The only surviving heir to the Royal family, the peace between humans and vampires depends on his success, with only a matter of months hanging in the balance.But

Philip is a Royal Vampire, with morals and standards higher than acceptable for his Vampirian kingdom. Can he reason with the dark side of his nature to claim a human bride before his birthday, or will his refusal to set aside his morals be the cause of a full-fledged war?

The Speculative Turn

A wedding companion to the New York Times & USA Today Bestselling Harmony Series. Some dreams are forever just that: a longing void never filled, the desire for something always out of reach. It's only when fate steps in that your world can be forever changed. Lovers enter your life in many different forms-a young crush, or an unavoidable collision. Some are hopeless encounters, others sculpting experiences. But when your soul finds its mate, the bond isInfinite.

Experiences of Test Automation

Essentials for Blended Learning: A Standards-Based Guide provides a practical, streamlined approach for creating effective learning experiences by blending online activities and the best of face-to-face teaching. This guide is: Easy to use: Clear, jargon-free writing; illustrations; and references to online resources help readers understand concepts. Streamlined: A simple but effective design process focuses on creating manageable activities for the right environment. Practical: Real-world examples from different subject areas help teachers understand principles in context.

Contemporary: The variety of modern, connected technologies covered in the guide addresses a range of teaching challenges. Forward-Looking: The approach bridges the gap between formal classroom learning and informal lifelong learning. Standards-based: Guidelines and standards are based on current research in the field, relevant learning theories, and practitioner experiences. Effective blended learning requires significant rethinking of teaching practices and a fundamental redesign of course structure. Essentials for Blended Learning: A Standards-Based Guide simplifies these difficult challenges without neglecting important opportunities to transform teaching. This guide is suitable for teachers in any content area. Please visit www.essentialsforblended.com for additional resources.

Agile Testing

Ernesto Macaro brings together a wealth of research on the rapidly expanding phenomenon of English Medium Instruction. Against a backdrop of theory, policy documents, and examples of practice, he weaves together research in both secondary and tertiary education, with a particular focus on the key stakeholders involved in EMI: the teachers and the students. Whilst acknowledging that the momentum of EMI is unlikely to be diminished, and identifying its potential benefits, the author raises questions about the ways it has been introduced and developed, and explores how we can arrive at a true cost–benefit analysis of its future impact. "This state-of-the-art

monograph presents a wide-ranging, multi-perspectival yet coherent overview of research, policy, and practice of English Medium Instruction around the globe. It gives a thorough, in-depth, and thought-provoking treatment of an educational phenomenon that is spreading on an unprecedented scale." Guangwei Hu, National Institute of Education, Singapore Additional online resources are available at www.oup.com/elt/teacher/emi Ernesto Macaro is Professor of Applied Linguistics at the University of Oxford and is the founding Director of the Centre for Research and Development on English Medium Instruction at the university. Oxford Applied Linguistics Series Advisers: Anne Burns and Diane Larsen-Freeman

Developing Java Software

Learn programming in Java from scratch - and keep on learning Developing Java Software The new edition of this excellent primer teaches how to program in an object-oriented style. Objects come first, providing a framework for understanding how Java programs work and how they can be designed, in an organised and systematic way. Programming is taught with a view to quality software engineering and is anchored in real-world issues, particularly testing. Examples and exercises provide motivation. Self-tests and class-project suggestions enhance this comprehensive Go, to, the support website at:
http://www.dcs.kcl.ac.uk/DevJavaSoft/ * More exercises * Selected solutions * Instructor's notes and resources * Code for case studies * Updates, revisions

and bug fixes * Reviews and feedback Reviews of First Edition: 'If you want to learn to program this is an excellent book {and} if you are responsible for running a course on programming then this is a book that you should consider as a course text Very much recommended.' Francis Glassborrow 'A book suitable as a learning text or reference for professional programmers developing large scale applications and as a set teaching text for courses when one is concerned with more than Java programming Highly recommended.' Brian Bramer, CVU 'provides a thorough curriculum - all in Java - from basic programming and core algorithms to software engineering issues; it will be a useful single reference for anyone wanting to program well.' New Scientist 1998 'The best part of the book is worked examples of medium-scale programs at the end in a case study section.' A reader's Posting on Amazon.Com Cover illustration: Paul Gaugin's 'At the Bottom of the Mountain'. Reproduced with permission from SuperStock.

Personal History

Move into iOS development by getting a firm grasp of its fundamentals, including the Xcode 12 IDE, Cocoa Touch, and the latest version of Apple's acclaimed programming language, Swift 5.3. With this thoroughly updated guide, you'll learn the Swift language, understand Apple's Xcode development tools, and discover the Cocoa framework. Become familiar with built-in Swift types Dive deep into Swift objects, protocols, and generics Tour the life cycle of

an Xcode project Learn how nibs are loaded Understand Cocoa's event-driven design Communicate with C and Objective-C In this edition, catch up on the latest iOS programming features: Multiple trailing closures Code editor document tabs New Simulator features Resources in Swift packages Logging and testing improvements And more! Once you master the fundamentals, you'll be ready to tackle the details of iOS app development with author Matt Neuburg's companion guide, Programming iOS 14.

The Power and the Glory

Describes the Core Audio framework, covering such topics as recording, playback, format conversion, MIDI conectivity, and audio units.

The The Python Workshop

From learning about the most sought-after design patterns to a comprehensive coverage of architectural patterns and code testing, this book is all you need to write clean, reusable code Key Features Write clean, reusable and maintainable code, and make the most of the latest Swift version. Analyze case studies of some of the popular open source projects and give your workflow a huge boost Choose patterns such as MVP, MVC, and MVVM depending on the application being built Book Description Swift keeps gaining traction not only amongst Apple developers but also as a server-side language. This book demonstrates how to apply

design patterns and best practices in real-life situations, whether that's for new or already existing projects. You'll begin with a quick refresher on Swift, the compiler, the standard library, and the foundation, followed by the Cocoa design patterns – the ones at the core of many cocoa libraries – to follow up with the creational, structural, and behavioral patterns as defined by the GoF. You'll get acquainted with application architecture, as well as the most popular architectural design patterns, such as MVC and MVVM, and learn to use them in the context of Swift. In addition, you'll walk through dependency injection and functional reactive programming. Special emphasis will be given to techniques to handle concurrency, including callbacks, futures and promises, and reactive programming. These techniques will help you adopt a test-driven approach to your workflow in order to use Swift Package Manager and integrate the framework into the original code base, along with Unit and UI testing. By the end of the book, you'll be able to build applications that are scalable, faster, and easier to maintain. What you will learn Work efficiently with Foundation and Swift Standard library Understand the most critical GoF patterns and use them efficiently Use Swift 4.2 and its unique capabilities (and limitations) to implement and improve GoF patterns Improve your application architecture and optimize for maintainability and performance Write efficient and clean concurrent programs using futures and promises, or reactive programming techniques Use Swift Package Manager to refactor your program into reusable components Leverage testing and other techniques for writing robust code Who this book is

for This book is for intermediate developers who want to apply design patterns with Swift to structure and scale their applications. You are expected to have basic knowledge of iOS and Swift.

Programming in Objective-C 2.0

Learn how to test iOS Applications! iOS Test-Driven Development introduces you to a broad range of concepts with regard to not only writing an application from scratch with testing in mind, but also applying these concepts to already written applications which have little or no tests written for their functionality. Who This Book Is For This book is for intermediate iOS developers who already know the basics of iOS and Swift development but want to learn how to write code which is both testable and maintainable. Topics Covered in iOS Test-Driven Development The TDD Cycle: Learn the concepts of Test-Driven Development and how to implement these concepts within an iOS application. Test Expressions and Expectations: Learn how to test both synchronous code using expressions and asynchronous code using expectations. Test RESTful Networking: Write tests to verify networking endpoints and the ability to mock the returned results. Test Authentication: Write tests which run against authenticated endpoints. Legacy Problems: Explore the problems legacy applications written without any unit tests or without thought of testing the code. Breaking Dependencies into Modules: Learn how to take dependencies within your code and compartmentalize these into their own modules with

their own tests. Refactoring Large Classes: Learn how to refactor large unweilding classes into smaller more manageable and testable classes / objects. One thing you can count on: after reading this book, you'll be prepared to write testable applications which you can have confidence in making changes too with the knowledge your tests will catch breaking changes.

Xcode 4 Unleashed

How math helps us solve the universe's deepest mysteries One of the great insights of science is that the universe has an underlying order. The supreme goal of physicists is to understand this order through laws that describe the behavior of the most basic particles and the forces between them. For centuries, we have searched for these laws by studying the results of experiments. Since the 1970s, however, experiments at the world's most powerful atom-smashers have offered few new clues. So some of the world's leading physicists have looked to a different source of insight: modern mathematics. These physicists are sometimes accused of doing 'fairy-tale physics', unrelated to the real world. But in The Universe Speaks in Numbers, award-winning science writer and biographer Farmelo argues that the physics they are doing is based squarely on the well-established principles of quantum theory and relativity, and part of a tradition dating back to Isaac Newton. With unprecedented access to some of the world's greatest scientific minds, Farmelo offers a vivid, behind-the-scenes account of the blossoming relationship between mathematics and physics and

the research that could revolutionize our understanding of reality. A masterful account of the some of the most groundbreaking ideas in physics in the past four decades. The Universe Speaks in Numbers is essential reading for anyone interested in the quest to discover the fundamental laws of nature.

Tomorrow the Glory

I thought it would cut him horribly, he was thinking. "And he's taking it as if he had only a friendly interest." Scarborough's face was again behind the newspaper. When he had finished it he sauntered toward the door. He paused there to glance idly at the titles of the top row in the book-case. Pierson was watching him. "No -- it's all right," he concluded. Scarborough was too straight and calm just to have received such a blow as that news would have been had he cared for Pauline.

Test Driven .NET Development with FitNesse

Faithless

Discover the untapped features of object-oriented programming and use it with other software tools to code fast, efficient applications. Key Features Explore the complexities of object-oriented programming (OOP) Discover what OOP can do for you Learn to use the key tools and software engineering practices to support your own programming needs Book

Description Your experience and knowledge always influence the approach you take and the tools you use to write your programs. With a sound understanding of how to approach your goal and what software paradigms to use, you can create high-performing applications quickly and efficiently. In this two-part book, you'll discover the untapped features of object-oriented programming and use it with other software tools to code fast and efficient applications. The first part of the book begins with a discussion on how OOP is used today and moves on to analyze the ideas and problems that OOP doesn't address. It continues by deconstructing the complexity of OOP, showing you its fundamentally simple core. You'll see that, by using the distinctive elements of OOP, you can learn to build your applications more easily. The next part of this book talks about acquiring the skills to become a better programmer. You'll get an overview of how various tools, such as version control and build management, help make your life easier. This book also discusses the pros and cons of other programming paradigms, such as aspect-oriented programming and functional programming, and helps to select the correct approach for your projects. It ends by talking about the philosophy behind designing software and what it means to be a "good" developer. By the end of this two-part book, you will have learned that OOP is not always complex, and you will know how you can evolve into a better programmer by learning about ethics, teamwork, and documentation. What you will learn Untangle the complexity of object-oriented programming by breaking it down to its essential building blocks Realize the full potential of OOP to design efficient,

maintainable programs Utilize coding best practices, including TDD, pair programming and code reviews, to improve your work Use tools, such as source control and IDEs, to work more efficiently Learn how to most productively work with other developers Build your own software development philosophy Who this book is for This book is ideal for programmers who want to understand the philosophy behind creating software and what it means to be "good" at designing software. Programmers who want to deconstruct the OOP paradigm and see how it can be reconstructed in a clear, straightforward way will also find this book useful. To understand the ideas expressed in this book, you must be an experienced programmer who wants to evolve their practice.

Fingerprints of the Gods

A quaint English village is home to a murderer in the Macavity Award-wining mystery series debut that launched the British crime drama Midsomer Murders. Badger's Drift is the ideal English village, complete with vicar, bumbling local doctor, and kindly spinster. But when the spinster dies suddenly, her best friend kicks up a fuss loud enough to attract the attention of Detective Chief Inspector Barnaby. And when Barnaby and his eager-beaver deputy start poking around, they uncover a swamp of ugly scandals and long-suppressed resentments seething below the picture-postcard prettiness. In the grand English tradition of the quietly intelligent copper, Barnaby has both an irresistibly dry sense of humor and a keen insight into what makes people tick. The Killings at Badger's Drift

marks Inspector Barnaby's debut, and offers ample proof that Caroline Graham may indeed be "simply the best detective writer since Agatha Christie" (Sunday Times of London). "Murder most pleasing . . . a corking good mystery." —Los Angeles Times

Modern Programming: Object Oriented Programming and Best Practices

THE #1 BESTSELLING BOOK ON OBJECTIVE-C 2.0 Programming in Objective-C 2.0 provides the new programmer a complete, step-by-step introduction to Objective-C, the primary language used to develop applications for the iPhone, iPad, and Mac OS X platforms. The book does not assume previous experience with either C or object-oriented programming languages, and it includes many detailed, practical examples of how to put Objective-C to use in your everyday iPhone/iPad or Mac OS X programming tasks. A powerful yet simple object-oriented programming language that's based on the C programming language, Objective-C is widely available not only on OS X and the iPhone/iPad platform but across many operating systems that support the gcc compiler, including Linux, Unix, and Windows systems. The second edition of this book thoroughly covers the latest version of the language, Objective-C 2.0. And it shows not only how to take advantage of the Foundation framework's rich built-in library of classes but also how to use the iPhone SDK to develop programs designed for the iPhone/iPad platform. Table of Contents 1 Introduction Part I: The Objective-C 2.0 Language 2 Programming in Objective-

C 3 Classes, Objects, and Methods 4 Data Types and Expressions 5 Program Looping 6 Making Decisions 7 More on Classes 8 Inheritance 9 Polymorphism, Dynamic Typing, and Dynamic Binding 10 More on Variables and Data Types 11 Categories and Protocols 12 The Preprocessor 13 Underlying C Language Features Part II: The Foundation Framework 14 Introduction to the Foundation Framework 15 Numbers, Strings, and Collections 16 Working with Files 17 Memory Management 18 Copying Objects 19 Archiving Part III: Cocoa and the iPhone SDK 20 Introduction to Cocoa 21 Writing iPhone Applications Part IV: Appendixes A Glossary B Objective-C 2.0 Language Summary C Address Book Source Code D Resources

Hands-On Design Patterns with Swift

More than just a Python guide for beginners, The Python Workshop takes you through the full spectrum of basic to advanced topics, equipping you with the skills you need to get started with data science and more. Filled with practical step-by-step examples and interactive exercises, you'll learn by doing as you grow your new Python skillset.

English Medium Instruction

Get more out of your legacy systems: more performance, functionality, reliability, and manageability Is your code easy to change? Can you get nearly instantaneous feedback when you do change it? Do you understand it? If the answer to any

of these questions is no, you have legacy code, and it is draining time and money away from your development efforts. In this book, Michael Feathers offers start-to-finish strategies for working more effectively with large, untested legacy code bases. This book draws on material Michael created for his renowned Object Mentor seminars: techniques Michael has used in mentoring to help hundreds of developers, technical managers, and testers bring their legacy systems under control. The topics covered include Understanding the mechanics of software change: adding features, fixing bugs, improving design, optimizing performance Getting legacy code into a test harness Writing tests that protect you against introducing new problems Techniques that can be used with any language or platform—with examples in Java, C++, C, and C# Accurately identifying where code changes need to be made Coping with legacy systems that aren't object-oriented Handling applications that don't seem to have any structure This book also includes a catalog of twenty-four dependency-breaking techniques that help you work with program elements in isolation and make safer changes.

Learning Core Audio

"Beloved Brands is a book every CMO or would-be CMO should read." Al Ries With Beloved Brands, you will learn everything you need to know so you can build a brand that your consumers will love. You will learn how to think strategically, define your brand with a positioning statement and a brand idea, write a

brand plan everyone can follow, inspire smart and creative marketing execution, and be able to analyze the performance of your brand through a deep-dive business review. Marketing pros and entrepreneurs, this book is for you. Whether you are a VP, CMO, director, brand manager or just starting your marketing career, I promise you will learn how to realize your full potential. You could be in brand management working for an organization or an owner-operator managing a branded business. Beloved Brands provides a toolbox intended to help you every day in your job. Keep it on your desk and refer to it whenever you need to write a brand plan, create a brand idea, develop a creative brief, make advertising decisions or lead a deep-dive business review. You can even pass on the tools to your team, so they can learn how to deliver the fundamentals needed for your brands. This book is also an excellent resource for marketing professors, who can use it as an in-class textbook to develop future marketers. It will challenge communications agency professionals, who are looking to get better at managing brands, including those who work in advertising, public relations, in-store marketing, digital advertising or event marketing. "Most books on branding are really for the MARCOM crowd. They sound good, but you find it's all fluff when you try to take it from words to actions. THIS BOOK IS DIFFERENT! Graham does a wonderful job laying out the steps in clear language and goes beyond advertising and social media to show how branding relates to all aspects of GENERAL as well as marketing management. Make no mistake: there is a strong theoretical foundation for all he saysbut he spares you the buzzwords. Next year my students will

all be using this book." Kenneth B. (Ken) Wong, Queen's University If you are an entrepreneur who has a great product and wants to turn it into a brand, you can use this book as a playbook. These tips will help you take full advantage of branding and marketing, and make your brand more powerful and more profitable. You will learn how to think, define, plan, execute and analyze, and I provide every tool you will ever need to run your brand. You will find models and examples for each of the four strategic thinking methods, looking at core strength, competitive, consumer and situational strategies. To define the brand, I will provide a tool for writing a brand positioning statement as well as a consumer profile and a consumer benefits ladder. I have created lists of potential functional and emotional benefits to kickstart your thinking on brand positioning. We explore the step-by-step process to come up with your brand idea and bring it all together with a tool for writing the ideal brand concept. For brand plans, I provide formats for a long-range brand strategy roadmap and the annual brand plan with definitions for each planning element. From there, I show how to build a brand execution plan that includes the creative brief, innovation process, and sales plan. I provide tools for how to create a brand calendar and specific project plans. To grow your brand, I show how to make smart decisions on execution around creative advertising and media choices. When it comes time for the analytics, I provide all the tools you need to write a deep-dive business review, looking at the marketplace, consumer, channels, competitors and the brand. Write everything so that it is easy to follow and implement for your brand. My promise to help

make you smarter so you can realize your full
potential.

The Killings at Badger's Drift

A coming-of-age novel about race, privilege, and the
struggle to rise in America, written by a former
Obama campaign staffer and propelled by an
exuberant, unforgettable narrator. "A riot of language
that's part hip-hop, part nerd boy, and part pure
imagination."--The Boston Globe Boston, 1992. David
Greenfeld is one of the few white kids at the Martin
Luther King, Jr., Middle School. Everybody clowns him,
girls ignore him, and his hippie parents won't even
buy him a pair of Nikes, let alone transfer him to a
private school. Unless he tests into the city's best
public high school--which, if practice tests are any
indication, isn't likely--he'll be friendless for the
foreseeable future. Nobody's more surprised than
Dave when Marlon Wellings sticks up for him in the
school cafeteria. Mar's a loner from the public housing
project on the corner of Dave's own gentrifying block,
and he confounds Dave's assumptions about black
culture: He's nerdy and neurotic, a Celtics obsessive
whose favorite player is the gawky, white Larry Bird.
Before long, Mar's coming over to Dave's house every
afternoon to watch vintage basketball tapes and plot
their hustle to Harvard. But as Dave welcomes his
new best friend into his world, he realizes how little
he knows about Mar's. Cracks gradually form in their
relationship, and Dave starts to become aware of the
breaks he's been given--and that Mar has not.
Infectiously funny about the highs and lows of

adolescence, and sharply honest in the face of injustice, Sam Graham-Felsen's debut is a wildly original take on the American dream. Praise for Green "Prickly and compelling . . . Graham-Felsen lets boys be boys: messy-brained, impulsive, goatish, self-centered, outwardly gutsy but often inwardly terrified."--The New York Times Book Review (Editors' Choice) "A coming-of-age tale of uncommon sweetness and feeling."--The New Yorker "A fierce and brilliant book, comic, poignant, perfectly observed, and blazing with all the urgent fears and longings of adolescence."--Helen Macdonald, author of H Is for Hawk "A heartfelt and unassumingly ambitious book."--Slate

The Power of Faith; exemplified in the life and writings of the late Mrs. I. Graham of New York

Get past the myths of testing in agile environments - and implement agile testing the RIGHT way. * * For everyone concerned with agile testing: developers, testers, managers, customers, and other stakeholders. * Covers every key issue: Values, practices, organizational and cultural challenges, collaboration, metrics, infrastructure, documentation, tools, and more. * By two of the world's most experienced agile testing practitioners and consultants. Software testing has always been crucial, but it may be even more crucial in agile environments that rely heavily on repeated iterations of software capable of passing tests. There are, however, many myths associated with testing in agile environments.

This book helps agile team members overcome those myths -- and implement testing that truly maximizes software quality and value. Long-time agile testers Lisa Crispin and Janet Gregory offer powerful insights for three large, diverse groups of readers: experienced testers who are new to agile; members of newly-created agile teams who aren't sure how to perform testing or work with testers; and test/QA managers whose development teams are implementing agile. Readers will learn specific agile testing practices and techniques that can mean the difference between success and failure; discover how to transition 'traditional' test teams to agile; and learn how to integrate testers smoothly into agile teams. Drawing on extensive experience, the authors illuminate topics ranging from culture to test planning to automated tools. They cover every form of testing: business-facing tests, technology-facing tests, exploratory tests, context-driven and scenario tests, load, stability, and endurance tests, and more. Using this book's techniques, readers can improve the effectiveness and reduce the risks of any agile project or initiative.

Working Effectively with Legacy Code

Test Driven .NET Development with FitNesse takes you on a journey through the wonderful world of FitNesse, a great web-based tool for software acceptance testing. FitNesse enables software developers and business people to build a shared understanding of the domain and helps produce software that is genuinely fit for purpose.

The the Python Workshop

This comprehensive resource highlights the most recent practices and trends in blended learning from a global perspective and provides targeted information for specific blended learning situations. You'll find examples of learning options that combine face-to-face instruction with online learning in the workplace, more formal academic settings, and the military. Across these environments, the book focuses on real-world practices and includes contributors from a broad range of fields including trainers, consultants, professors, university presidents, distance-learning center directors, learning strategists and evangelists, general managers of learning, CEOs, chancellors, deans, and directors of global talent and organizational development. This diversity and breadth will help you understand the wide range of possibilities available when designing blended learning environments. Order your copy today!

iOS Unit Testing by Example

The Universe Speaks in Numbers

Continental philosophy has entered a new period of ferment. The long deconstructionist era was followed with a period dominated by Deleuze, which has in turn evolved into a new situation still difficult to define. However, one common thread running through the new brand of continental positions is a renewed attention to materialist and realist options in

philosophy. Among the leaders of the established generation, this new focus takes numerous forms. It might be hard to find many shared positions in the writings of Badiou, DeLanda, Laruelle, Latour, Stengers, and i ek, but what is missing from their positions is an obsession with the critique of written texts. All of them elaborate a positive ontology, despite the incompatibility of their results. Meanwhile, the new generation of continental thinkers is pushing these trends still further, as seen in currents ranging from transcendental materialism to the London-based speculative realism movement to new revivals of Derrida. As indicated by the title The Speculative Turn, the new currents of continental philosophy depart from the text-centered hermeneutic models of the past and engage in daring speculations about the nature of reality itself. This anthology assembles authors, of several generations and numerous nationalities, who will be at the centre of debate in continental philosophy for decades to come."

Essentials for Blended Learning

Fearlessly change the design of your iOS code with solid unit tests. Use Xcode's built-in test framework XCTest and Swift to get rapid feedback on all your code - including legacy code. Learn the tricks and techniques of testing all iOS code, especially view controllers (UIViewControllers), which are critical to iOS apps. Learn to isolate and replace dependencies in legacy code written without tests. Practice safe refactoring that makes these tests possible, and watch all your changes get verified quickly and

automatically. Make even the boldest code changes with complete confidence. Manual code and UI testing get slower the deeper your navigation hierarchy goes. It can take several taps just to reach a particular screen, never mind the actual workflow tests. Automatic unit testing offers such rapid feedback that it can change the rules of development. Bring testing to iOS development, even for legacy code. Use XCTest to write unit tests in Swift for all your code. iOS developers typically reserve unit tests for their model classes alone. But that approach skips most of the code common to iOS apps, especially with UIViewControllers. Learn how to unit test these view controllers to expand your unit testing possibilities. Since good unit tests form the bedrock for safe refactoring, you're empowered to make bold changes. Learn how to avoid the most common mistakes Swift programmers make with the XCTest framework. Use code coverage to find holes in your test suites. Learn how to identify hard dependencies. Reshape the design of your code quickly, with less risk and less fear.

iOS 14 Programming Fundamentals with Swift

In Xcode 4 Unleashed, renowned Mac/iOS developer Fritz Anderson shows how to use Apple's powerful new Xcode 4 integrated development environment to develop outstanding software with the least effort possible. Anderson demonstrates Xcode 4 by walking through the construction of three full applications: a command-line tool, an iOS app, and a Mac OS X

application. These case-study projects offer practical insights and realistic best practices for efficiently utilizing Xcode 4 in day-to-day development. Next, he drills down to offer an even deeper understanding of Xcode 4's most powerful capabilities. Through practical examples, he shows experienced Apple developers how to move to Xcode 4's "browser" model from older document-based approaches. You'll also find thorough, up-to-the-minute coverage of key tasks ranging from builds and profiling to documentation. He concludes with a chapter-length roundup of "tips, traps, and features" for maximizing your productivity with Xcode 4—whether you're writing iOS apps or Mac applications, working solo, or as part of a large development team. Detailed information on how to… Get started fast with Xcode 4 project workflow Master Xcode 4's new features and development paradigms Construct modern iOS and Mac user interfaces with Interface Builder Implement Model-View-Controller designs in iOS apps Use Storyboard to specify an iOS app's entire structure in one file Leverage Xcode's first-class unit testing and measurement tools Master the essentials of iOS provisioning Use Mac OS X bindings to simplify the link between data and screen Quickly localize Mac and iOS software for new languages and markets Package and share subprograms that can be integrated into any OS X application Use the Xcode Build System to move from source files to executable products Fully understand and optimize performance and resource usage Register your copy today at informit.com/register to download a free 90+ page guide to 4.4 & 4.5 feature changes

The Cost

The Declaration of Independence states that all people are endowed with certain unalienable rights, and that among these is the pursuit of happiness. But is happiness equally available to everyone in America today? How about elsewhere in the world? Carol Graham draws on cutting-edge research linking income inequality with well-being to show how the widening prosperity gap has led to rising inequality in people's beliefs, hopes, and aspirations. For the United States and other developed countries, the high costs of being poor are most evident not in material deprivation but rather in stress, insecurity, and lack of hope. The result is an optimism gap between rich and poor that, if left unchecked, could lead to an increasingly divided society. Graham reveals how people who do not believe in their own futures are unlikely to invest in them, and how the consequences can range from job instability and poor education to greater mortality rates, failed marriages, and higher rates of incarceration. She describes how the optimism gap is reflected in the very words people use--the wealthy use words that reflect knowledge acquisition and healthy behaviors, while the words of the poor reflect desperation, short-term outlooks, and patchwork solutions. She also explains why the least optimistic people in America are poor whites, not poor blacks or Hispanics. Happiness for All? highlights the importance of well-being measures in identifying and monitoring trends in life satisfaction and optimism--and misery and despair--and demonstrates how hope and happiness can lead to improved

economic outcomes.

Infinite (Harmony Series)

The temples of the Forgefather have fallen. The clerics and defenders that could once be found across the nine lands are no more. Priests huddle in the great temple, clinging to the echoes of their lost religion. But the Father has fallen silent. There are none who still hear his voice. The mines of Aspiration lie far below the temple's marble halls. Slaves toil in the blackness, striving to earn their way into the church and the light. Wynn has been sold into this fate, traded for a handful of silver. In the depths of the mines, where none dare carry flame, he must meet his tally or die. But there are things that lurk in that darkness, and still darker things within the hearts of men. When the souls bound to the great forge are released in a failed ritual, one novice flees down into the darkness of the mines. The soulwraiths know only hunger, the risen know only hate. In the blackest depths Kharios must seek a light to combat the darkness which descends.

IOS Test-Driven Development by Tutorials (First Edition): Learn Real-World Test-Driven Development

The author describes her privileged but lonely childhood, her tragic marriage to the charismatic Phil Graham, her struggles as the head of the Washington Post, and the colorful politicians and celebrities she has known

Why We Sleep

Driven by a cruel marital betrayal, spirited southern belle Kendall Moore engages in a dangerous gamble for her freedom and loses her heart to Confederate agent Brent McClain before the Civil War tears them apart. Reissue.

Test-Driven iOS Development

Cut through the noise and get real results with a step-by-step approach to learning Python 3.X programming Key Features Ideal for the Python beginner who is getting started for the first time A step-by-step Python tutorial with exercises and activities that help build key skills Structured to let you progress at your own pace, on your own terms Use your physical print copy to redeem free access to the online interactive edition Book Description You already know you want to learn Python, and a smarter way to learn Python 3 is to learn by doing. The Python Workshop focuses on building up your practical skills so that you can work towards building up your machine learning skills as a data scientist, write scripts that help automate your life and save you time, or even create your own games and desktop applications. You'll learn from real examples that lead to real results. Throughout The Python Workshop, you'll take an engaging step-by-step approach to understanding Python. You won't have to sit through any unnecessary theory. If you're short on time you can jump into a single exercise each day or spend an entire weekend learning about Python scripting. It's your choice. Learning on your

terms, you'll build up and reinforce key skills in a way that feels rewarding. Every physical print copy of The Python Workshop unlocks access to the interactive edition. With videos detailing all exercises and activities, you'll always have a guided solution. You can also benchmark yourself against assessments, track progress, and receive free content updates. You'll even earn a secure credential that you can share and verify online upon completion. It's a premium learning experience that's included with your printed copy. To redeem, follow the instructions located at the start of your Python book. Fast-paced and direct, The Python Workshop is the ideal companion for Python beginners. You'll build and iterate on your code like a software developer, learning along the way. This process means that you'll find that your new skills stick, embedded as best practice. A solid foundation for the years ahead. What you will learn Learn how to write clean and concise code with Python 3 Understand classes and object-oriented programming Tackle entry-level data science and create engaging visualizations Use Python to create responsive, modern web applications Automate essential day-to-day tasks with Python scripts Get started with predictive Python machine learning Who this book is for This book is designed for professionals, students, and hobbyists who want to learn Python and apply it to solve challenging real-world problems. Although this is a beginner's book, it will help if you already know standard programming topics, such as variables, if-else statements, and functions. Experience with another object-oriented program is beneficial, but not mandatory.

Swift 5 for Absolute Beginners

The last time Valerie was in Paris, she was three years old, running from the Nazis, away from the only home she had ever known. Now as a young woman all alone in the world, Valerie must return to Paris, to the bookshop and her sole surviving relative, her grandfather Vincent, the only person who knows the truth about what happened to her parents. As she gets to know grumpy, taciturn Vincent again, she hears a tragic story of Nazi-occupied Paris, a doomed love affair and a mother willing to sacrifice everything for her beloved daughter. Can Valerie and Vincent help each other to mend the wounds of the past? Valerie isn't after a fairytale ending, she only wants the truth. But what is the one devastating secret that Vincent is determined to keep from his granddaughter? An unputdownable and unforgettable story of love, fear and courage in a time of war. Immerse yourself in a Paris where soldiers' boots echo on cobbled streets and the air is full of whispers. Fans of Before We Were Yours, Kathryn Hughes and The Paris Wife will be absolutely hooked by this beautiful, tragic tale. Readers are falling in love with The Paris Secret: 'WOW that was one brilliant read, definitely up there with my top books for 2018! Superbly written and a beautiful if heart-wrenching at times storyline It's a beauty and the granddad and Clotilde are just wonderful characters. Highly recommend, worthy of more than 5 stars!' Goodreads Reviewer, 5 Stars. 'How to put my feelings into words about this book absolutely one of the best books I have read in 2018… Lily Graham has written one of the best books

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of the year in my honest opinion! If I could have given this a higher rating that 5 stars I would have done so… truly an unforgettable story!' Goodreads Reviewer, 5 stars. 'Warning! This book will make you cry and crave the attention of a mangy old cat. It will make you want to head straight to Paris to find this magical bookstore! The most moving story I've read in a long while… Magical… Mon Dieu, I have not wept so much in a while. Such rich characters and vivid scenes. Gorgeously evoked! I fell in love with one of them myself. I bawled at one of the later scenes. But by the end I was smiling and crying. I was an emotional mess all round really. Think I need that mangy old bookshop cat to come alive so I have something to cuddle right now.' The Book Trail 'What a delightful yet sad and heart-breaking story! I loved the back and forth storytelling… The author has quite a talent for painting a picture as it was so easy for me to imagine everything!' Goodreads Reviewer 'You really get a sense of Paris as well as sadly the war… Really makes you fall in love with the place I was gripped… Valerie's story will have readers totally engrossed and taken on an emotional roller coaster of a ride… A heart-breaking and emotional read that will have you reaching for the tissues more than a few times. Sometimes in happiness and others in sadness. A captivating and beautifully written story that ingrains itself in readers' hearts and minds.' By The Letter Book Reviews, 5 Stars 'This book pulls you in from the start. I love the character of Valerie and the growth of the relationships throughout the story… A quick, sweet read… Overall, a great story.' Goodreads Reviewer

ROMANCE ACTION & ADVENTURE MYSTERY & THRILLER BIOGRAPHIES & HISTORY CHILDREN'S YOUNG ADULT FANTASY HISTORICAL FICTION HORROR LITERARY FICTION NON-FICTION SCIENCE FICTION