Uw Web Technology Solutions

Assistive Technologies and Computer Access for Motor DisabilitiesDataquestE-docArchitecture Solutions for E-Learning SystemsConference RecordHacking the AcademyInformation Specialist IINarrowing the Achievement Gap for Native American StudentsE-Business Process Management: Technologies and Solutions2007 National Minority and Women-owned Business DirectoryWeb Search Engine ResearchEnvironmental Health PerspectivesLearning SpacesUNIX ReviewSemantic Services, Interoperability and Web Applications: Emerging ConceptsInformationweekLaw Enforcement BulletinAdvancements in TEL8 Teaching and Communication Via Web-based TechnologyA Hands-On Introduction to Data ScienceNo-no BoyFeminist CollectionsTry UsUniversal Design in Higher EducationDigital Rights Managemente-Learning by DesignUniversal Design for Web ApplicationsUniversal Design in Higher EducationWeb AccessibilityBulletin of the Medical Library AssociationSuddenly DiverseDiverse Issues in Higher EducationPrinciples of Biomedical InformaticsMadison MagazineDrawdownDesigning Web NavigationMindful TechA Tester's Guide to .NET ProgrammingDesigning Accessible TechnologyValue Sensitive DesignBiennial Report

Assistive Technologies and Computer Access for Motor

Disabilities

*Unlike its competitors, focuses solely on applied programming techniques for testers *Will appeal to both developers and testers alike; already popularized in classrooms worldwide for three years *Testing market is growing as more business adopt .NET technologies

Dataquest

"This book explores the issues of supply chain management with new perspective providing examples of integrated framework for global SCM, novel ways of improving flexibility, responsiveness, and competitiveness via strategic IT alliances among channel members in a supply chain network, and techniques that might facilitate improved strategic decision making in a SCM environment"--Provided by publisher.

E-doc

This book was stimulated by the third Cambridge Workshop Series on Universal Access and Assistive Technology held in April 2006; the contributors represent leading researchers in the fields of Inclusive Design, Rehabilitation Robotics,

Universal Access and Assistive Technology. Contributions focus on design issues for a more inclusive world; enabling computer access and the development of new technologies; assistive technology and rehabilitation robotics; and understanding users and involving them in design.

Architecture Solutions for E-Learning Systems

Covering key areas of evaluation and methodology, client-side applications, specialist and novel technologies, along with initial appraisals of disabilities, this important book provides comprehensive coverage of web accessibility. Written by leading experts in the field, it provides an overview of existing research and also looks at future developments, providing a much deeper insight than can be obtained through existing research libraries, aggregations, or search engines.

Conference Record

"This book provides fundamental research on the architecture of learning technology systems, discussing such issues as the common structures in LTS and solutions for specific forms such as knowledge-based, distributed, or adaptive applications of e-learning. Researchers, and scholars in the fields of learning content software development, computing and educational technologies, and e-

learning will find it an invaluable resource"--Provided by publisher.

Hacking the Academy

Information Specialist II

Narrowing the Achievement Gap for Native American Students

"This book offers suggestions, solutions, and recommendations for new and emerging research in Semantic Web technology, focusing broadly on methods and techniques for making the Web more useful and meaningful"--Provided by publisher.

E-Business Process Management: Technologies and Solutions

This second edition of a pioneering technical work in biomedical informatics provides a very readable treatment of the deep computational ideas at the foundation of the field. Principles of Biomedical Informatics, 2nd Edition is radically reorganized to make it especially useable as a textbook for courses that move

beyond the standard introductory material. It includes exercises at the end of each chapter, ideas for student projects, and a number of new topics, such as: • tree structured data, interval trees, and time-oriented medical data and their use • On Line Application Processing (OLAP), an old database idea that is only recently coming of age and finding surprising importance in biomedical informatics • a discussion of nursing knowledge and an example of encoding nursing advice in a rule-based system • X-ray physics and algorithms for cross-sectional medical image reconstruction, recognizing that this area was one of the most central to the origin of biomedical computing • an introduction to Markov processes, and • an outline of the elements of a hospital IT security program, focusing on fundamental ideas rather than specifics of system vulnerabilities or specific technologies. It is simultaneously a unified description of the core research concept areas of biomedical data and knowledge representation, biomedical information access, biomedical decision-making, and information and technology use in biomedical contexts, and a pre-eminent teaching reference for the growing number of healthcare and computing professionals embracing computation in health-related fields. As in the first edition, it includes many worked example programs in Common LISP, the most powerful and accessible modern language for advanced biomedical concept representation and manipulation. The text also includes humor, history, and anecdotal material to balance the mathematically and computationally intensive development in many of the topic areas. The emphasis, as in the first edition, is on ideas and methods that are likely to be of lasting value,

not just the popular topics of the day. Ira Kalet is Professor Emeritus of Radiation Oncology, and of Biomedical Informatics and Medical Education, at the University of Washington. Until retiring in 2011 he was also an Adjunct Professor in Computer Science and Engineering, and Biological Structure. From 2005 to 2010 he served as IT Security Director for the University of Washington School of Medicine and its major teaching hospitals. He has been a member of the American Medical Informatics Association since 1990, and an elected Fellow of the American College of Medical Informatics since 2011. His research interests include simulation systems for design of radiation treatment for cancer, software development methodology, and artificial intelligence applications to medicine, particularly expert systems, ontologies and modeling. Develops principles and methods for representing biomedical data, using information in context and in decision making, and accessing information to assist the medical community in using data to its full potential Provides a series of principles for expressing biomedical data and ideas in a computable form to integrate biological, clinical, and public health applications Includes a discussion of user interfaces, interactive graphics, and knowledge resources and reference material on programming languages to provide medical informatics programmers with the technical tools to develop systems

2007 National Minority and Women-owned Business Directory

Using our moral and technical imaginations to create responsible innovations:

theory, method, and applications for value sensitive design. Implantable medical devices and human dignity. Private and secure access to information. Engineering projects that transform the Earth. Multigenerational information systems for international justice. How should designers, engineers, architects, policy makers, and others design such technology? Who should be involved and what values are implicated? In Value Sensitive Design, Batya Friedman and David Hendry describe how both moral and technical imagination can be brought to bear on the design of technology. With value sensitive design, under development for more than two decades, Friedman and Hendry bring together theory, methods, and applications for a design process that engages human values at every stage. After presenting the theoretical foundations of value sensitive design, which lead to a deep rethinking of technical design, Friedman and Hendry explain seventeen methods, including stakeholder analysis, value scenarios, and multilifespan timelines. Following this, experts from ten application domains report on value sensitive design practice. Finally, Friedman and Hendry explore such open questions as the need for deeper investigation of indirect stakeholders and further method development. This definitive account of the state of the art in value sensitive design is an essential resource for designers and researchers working in academia and industry, students in design and computer science, and anyone working at the intersection of technology and society.

Web Search Engine Research

Environmental Health Perspectives

Packed full of practical pedagogical advice, Universal Design in Higher Education shares insight into curriculum design, instruction, and technological environments in higher education that prepares educators for increased numbers of students.

Learning Spaces

This classified listing of minority-owned businesses in the United States includes biographical sketches of minority role models and leaders.

UNIX Review

Describes how to use such standards-based technologies as XHTML, CSS, and Ajax to develop a variety of Web applications and devices.

Semantic Services, Interoperability and Web Applications: Emerging Concepts

Provides an understanding of Web search engines from the unique perspective of

Library and Information Science. This book explores a range of topics including retrieval effectiveness, user satisfaction, the evaluation of search interfaces, the impact of search on society, and the influence of search engine optimization (SEO) on results quality.

Informationweek

Law Enforcement Bulletin

Individuals with disabilities that impede their range of motion often have difficulty accessing technologies. With the use of computer-based assistive technology; devices, tools, and services can be used to maintain and improve the functional capabilities of motor disabilities. Assistive Technologies and Computer Access for Motor Disabilities investigates solutions to the difficulties of impaired technology access by highlighting the principles, methods, and advanced technological solutions for those with motor impairments. This reference source is beneficial to academia, industry, and various professionals in disciplines such as rehabilitation science, occupational therapy, human-computer interface development, ergonomics, and teaching in inclusive and special education. This publication is integrated with its pair book Disability Informatics and Web Accessibility for Motor

Limitations.

Advancements in TEL8 Teaching and Communication Via Web-based Technology

A Hands-On Introduction to Data Science

For the past five years, American public schools have enrolled more students identified as Black, Latinx, American Indian, and Asian than white. At the same time, more than half of US school children now qualify for federally subsidized meals, a marker of poverty. The makeup of schools is rapidly changing, and many districts and school boards are at a loss as to how they can effectively and equitably handle these shifts. Suddenly Diverse is an ethnographic account of two school districts in the Midwest responding to rapidly changing demographics at their schools. It is based on observations and in-depth interviews with school board members and superintendents, as well as staff, community members, and other stakeholders in each district: one serving “Lakeside,” a predominately working class, conservative community and the other serving “Fairview,” a more affluent, liberal community. Erica O. Turner looks at district leaders’ adoption of business-inspired policy tools and the ultimate successes and failures of such responses.

Turner's findings demonstrate that, despite their intentions to promote "diversity" or eliminate "achievement gaps," district leaders adopted policies and practices that ultimately perpetuated existing inequalities and advanced new forms of racism. While suggesting some ways forward, Suddenly Diverse shows that, without changes to these managerial policies and practices and larger transformations to the whole system, even district leaders' best efforts will continue to undermine the promise of educational equity and the realization of more robust public schools.

No-no Boy

There has been much talk and effort focused on the educational achievement gap between white versus black, Hispanic and American Indian students. While there has been some movement the gap has not appreciably narrowed, and it has narrowed the least for Native American students. This volume addresses this disparity by melding evidence-based instruction with culturally sensitive materials and approaches, outlining how we as educators and scientists can pay the educational debt we owe our children. In the tradition of the Native American authors who also contribute to it, this volume will be a series of "stories" that will reveal how the authors have built upon research evidence and linked it with their knowledge of history and culture to develop curricula, materials and methods for instruction of not only Native American students, but of all students. It provides a

framework for educators to promote cultural awareness and honor the cultures and traditions that too few people know about. After each major section of the volume, the editors will provide commentary that will give an overview of these chapters and how they model approaches and activities that can be applied to other minority populations, including Blacks, Hispanics, and minority and indigenous groups in nations around the globe.

Feminist Collections

Universal Design in Higher Education looks at the design of physical and technological environments at institutions of higher education; at issues pertaining to curriculum and instruction; and at the full array of student services. Universal Design in Higher Education is a comprehensive guide for researchers and practitioners on creating fully accessible college and university programs. It is founded upon, and contributes to, theories of universal design in education that have been gaining increasingly wide attention in recent years. As greater numbers of students with disabilities attend postsecondary educational institutions, administrators have expressed increased interest in making their programs accessible to all students. This book provides both theoretical and practical guidance for schools as they work to turn this admirable goal into a reality. It addresses a comprehensive range of topics on universal design for higher education institutions, thus making a crucial contribution to the growing body of

literature on special education and universal design. This book will be of unique value to university and college administrators, and to special education researchers, practitioners, and activists.

Try Us

Universal Design in Higher Education

Digital Rights Management

On May 21, 2010, Daniel J. Cohen and Tom Scheinfeldt posted the following provocative questions online: “Can an algorithm edit a journal? Can a library exist without books? Can students build and manage their own learning management platforms? Can a conference be held without a program? Can Twitter replace a scholarly society?” As recently as the mid-2000s, questions like these would have been unthinkable. But today serious scholars are asking whether the institutions of the academy as they have existed for decades, even centuries, aren’t becoming obsolete. Every aspect of scholarly infrastructure is being questioned, and even more importantly, being hacked. Sympathetic scholars of traditionally disparate

disciplines are canceling their association memberships and building their own networks on Facebook and Twitter. Journals are being compiled automatically from self-published blog posts. Newly minted PhDs are forgoing the tenure track for alternative academic careers that blur the lines between research, teaching, and service. Graduate students are looking beyond the categories of the traditional CV and building expansive professional identities and popular followings through social media. Educational technologists are “punking” established technology vendors by rolling out their own open source infrastructure. Here, in Hacking the Academy, Daniel J. Cohen and Tom Scheinfeldt have gathered a sampling of the answers to their initial questions from scores of engaged academics who care deeply about higher education. These are the responses from a wide array of scholars, presenting their thoughts and approaches with a vibrant intensity, as they explore and contribute to ongoing efforts to rebuild scholarly infrastructure for a new millennium.

e-Learning by Design

Thoroughly rewritten for today's web environment, this bestselling book offers a fresh look at a fundamental topic of web site development: navigation design. Amid all the changes to the Web in the past decade, and all the hype about Web 2.0 and various "rich" interactive technologies, the basic problems of creating a good web navigation system remain. Designing Web Navigation demonstrates that

good navigation is not about technology-it's about the ways people find information, and how you guide them. Ideal for beginning to intermediate web designers, managers, other non-designers, and web development pros looking for another perspective, Designing Web Navigation offers basic design principles, development techniques and practical advice, with real-world examples and essential concepts seamlessly folded in. How does your web site serve your business objectives? How does it meet a user's needs? You'll learn that navigation design touches most other aspects of web site development. This book: Provides the foundations of web navigation and offers a framework for navigation design Paints a broad picture of web navigation and basic human information behavior Demonstrates how navigation reflects brand and affects site credibility Helps you understand the problem you're trying to solve before you set out to design Thoroughly reviews the mechanisms and different types of navigation Explores "information scent" and "information shape" Explains "persuasive" architecture and other design concepts Covers special contexts, such as navigation design for web applications Includes an entire chapter on tagging While Designing Web Navigation focuses on creating navigation systems for large, information-rich sites serving a business purpose, the principles and techniques in the book also apply to small sites. Well researched and cited, this book serves as an excellent reference on the topic, as well as a superb teaching guide. Each chapter ends with suggested reading and a set of questions that offer exercises for experiencing the concepts in action.

Universal Design for Web Applications

• New York Times bestseller • The 100 most substantive solutions to reverse global warming, based on meticulous research by leading scientists and policymakers around the world “At this point in time, the Drawdown book is exactly what is needed; a credible, conservative solution-by-solution narrative that we can do it. Reading it is an effective inoculation against the widespread perception of doom that humanity cannot and will not solve the climate crisis. Reported by-effects include increased determination and a sense of grounded hope.” —Per Espen Stoknes, Author, What We Think About When We Try Not To Think About Global Warming “There’s been no real way for ordinary people to get an understanding of what they can do and what impact it can have. There remains no single, comprehensive, reliable compendium of carbon-reduction solutions across sectors. At least until now. . . . The public is hungry for this kind of practical wisdom.” —David Roberts, Vox “This is the ideal environmental sciences textbook—only it is too interesting and inspiring to be called a textbook.” —Peter Kareiva, Director of the Institute of the Environment and Sustainability, UCLA In the face of widespread fear and apathy, an international coalition of researchers, professionals, and scientists have come together to offer a set of realistic and bold solutions to climate change. One hundred techniques and practices are described here—some are well known; some you may have never heard of. They range from clean energy to educating girls in lower-income countries to land use practices that pull carbon

out of the air. The solutions exist, are economically viable, and communities throughout the world are currently enacting them with skill and determination. If deployed collectively on a global scale over the next thirty years, they represent a credible path forward, not just to slow the earth's warming but to reach drawdown, that point in time when greenhouse gases in the atmosphere peak and begin to decline. These measures promise cascading benefits to human health, security, prosperity, and well-being—giving us every reason to see this planetary crisis as an opportunity to create a just and livable world.

Universal Design in Higher Education

Web Accessibility

Bulletin of the Medical Library Association

Suddenly Diverse

Diverse Issues in Higher Education

This book provides an overview of digital rights management (DRM), including: an overview of terminology and issues facing libraries, plus an overview of the technology including standards and off-the-shelf products. It discusses the role and implications of DRM for existing library services, such as integrated library management systems, electronic reserves, commercial database licenses, digital asset management systems and digital library repositories. It also discusses the impact that DRM 'trusted system' technologies, already in use in complementary areas, such as course management systems and web-based digital media distribution, may have on libraries. It also discusses strategies for implementing DRM in libraries and archives for safeguarding intellectual property in the web environment. A practical guide that places DRM within the context of the services and practices of the library and offers guidance on getting started An understandable overview of the technologies and standards involved in digital rights management An overview of the DRM landscape beyond libraries, with an emphasis on how this landscape impacts libraries and shapes DRM generally. In particular, the e-learning and digital media distribution arenas are embracing DRM, with significant potential impact

Principles of Biomedical Informatics

Madison Magazine

The Information Specialist II Passbook(R) prepares you for your test by allowing you to take practice exams in the subjects you need to study. It provides hundreds of questions and answers in the areas that will likely be covered on your upcoming exam, including but not limited to: educating and interacting with the public; preparing written material; reviewing and editing copy; assuring copy reflects standard english practices; preparing public information materials; supervision; and other related areas.

Drawdown

From William Horton -- a world renowned expert with more than thirty-five years of hands-on experience creating networked-based educational systems -- comes the next-step resource for e-learning training professionals. Like his best-selling book Designing Web-Based Training, this book is a comprehensive resource that provides practical guidance for making the thousand and one decisions needed to design effective e-learning. e-Learning by Design includes a systematic, flexible, and rapid design process covering every phase of designing e-learning. Free of academic jargon and confusing theory, this down-to-earth, hands-on book is filled

with hundreds of real-world examples and case studies from dozens of fields. "Like the book's predecessor (Designing Web-based Training), it deserves four stars and is a must read for anyone not selling an expensive solution. -- From Training Media Review, by Jon Aleckson, www.tmreview.com, 2007

Designing Web Navigation

From email to smart phones, and from social media to Google searches, digital technologies have transformed the way we learn, entertain ourselves, socialize, and work. Despite their usefulness, these technologies have often led to information overload, stress, and distraction. In recent years many of us have begun to look at the pluses and minuses of our online lives and to ask how we might more skillfully use the tools we've developed. David M. Levy, who has lived his life between the "fast world" of high tech and the "slow world" of contemplation, offers a welcome guide to being more relaxed, attentive, and emotionally balanced, and more effective, while online. In a series of exercises carefully designed to help readers observe and reflect on their own use, Levy has readers watch themselves closely while emailing and while multitasking, and also to experiment with unplugging for a specified period. Never prescriptive, the book opens up new avenues for self-inquiry and will allow readers—in the workplace, in the classroom, and in the privacy of their homes—to make meaningful and powerful changes.

Mindful Tech

A Tester's Guide to .NET Programming

An introductory textbook offering a low barrier entry to data science; the hands-on approach will appeal to students from a range of disciplines.

Designing Accessible Technology

Value Sensitive Design

Biennial Report

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