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Web Style Guide - Patrick J. Lynch 2016-01-01
A classic reference book on user interface design and graphic design for web sites, updated to reflect a rapidly changing market Consistently praised as the best volume on classic elements of web site design, Web Style Guide has sold many thousands of copies and has been published around the world. This new revised edition confirms Web Style Guide as the go-to authority in a rapidly changing market. As web designers move from building sites from scratch to using content management and aggregation tools, the book's focus shifts away from code samples and toward best practices, especially those involving mobile experience, social media, and accessibility. An ideal reference for web site designers in corporations, government, nonprofit organizations, and academic institutions, the book explains established design principles and covers all aspects of web design--from planning to production to maintenance. The guide also shows how these principles apply in web design projects whose primary concerns are information design, interface design, and efficient search and navigation.

Street Smart Internet Marketing - Justin Michie 2006

Content Strategy for the Web - Kristina Halvorson 2012-02-28
FROM CONSTANT CRISIS TO SUSTAINABLE SUCCESS BETTER CONTENT MEANS BETTER BUSINESS. Your content is a mess: the website

redesigns didn't help, and the new CMS just made things worse. Or, maybe your content is full of potential: you know new revenue and cost-savings opportunities exist, but you're not sure where to start. How can you realize the value of content while planning for its long-term success? For organizations all over the world, Content Strategy for the Web is the go-to content strategy handbook. Read it to: Understand content strategy and its business value Discover the processes and people behind a successful content strategy Make smarter, achievable decisions about what content to create and how Find out how to build a business case for content strategy With all-new chapters, updated material, case studies, and more, the second edition of Content Strategy for the Web is an essential guide for anyone who works with content.

Web Design and Marketing Solutions for Business Websites - Kevin Potts 2007-11-25
This book teaches you all you need to know to create effective web sites for businesses of all sizes. It's packed with useful tips and practical examples. First you are taken through the planning stage, including overall site structure, grouping content, using content and language effectively, and planning for accessibility. Next, you are shown how to effectively design the different parts of your site as well as how to add specialized improvements, including feedback forms and search functionality. The examples focus largely on CSS and HTML, but the

principles are applicable to any site and some useful Flash examples are also provided.

Designing for Sustainability - Tim Frick
2016-08-23

Pixels use electricity, and a lot of it. If the Internet were a country, it would be the sixth largest in terms of electricity use. That's because today's average web page has surpassed two megabytes in size, leading to slow load times, frustrated users, and a lot of wasted energy. With this practical guide, your web design team will learn how to apply sustainability principles for creating speedy, user-friendly, and energy-efficient digital products and services. Author Tim Frick introduces a web design framework that focuses on four key areas where these principles can make a difference: content strategy, performance optimization, design and user experience, and green hosting. You'll discover how to provide users with a streamlined experience, while reducing the environmental impact of your products and services. Learn why 90% of the data that ever existed was created in the last year Use sustainability principles to innovate, reduce waste, and function more efficiently Explore green hosting, sustainable business practices, and lean/agile workflows Put the right things in front of users at precisely the moment they need them—and nothing more Increase site search engine visibility, streamline user experience, and make streaming video more efficient Use Action Items to explore concepts outlined in each chapter

Cool Infographics - Randy Krum 2013-10-18

Make information memorable with creative visual design techniques Research shows that visual information is more quickly and easily understood, and much more likely to be remembered. This innovative book presents the design process and the best software tools for creating infographics that communicate. Including a special section on how to construct the increasingly popular infographic resume, the book offers graphic designers, marketers, and business professionals vital information on the most effective ways to present data. Explains why infographics and data visualizations work Shares the tools and techniques for creating great infographics Covers online infographics used for marketing, including social media and

search engine optimization (SEO) Shows how to market your skills with a visual, infographic resume Explores the many internal business uses of infographics, including board meeting presentations, annual reports, consumer research statistics, marketing strategies, business plans, and visual explanations of products and services to your customers With Cool Infographics, you'll learn to create infographics to successfully reach your target audience and tell clear stories with your data.

Content Management Bible - Bob Boiko
2005-11-28

Written by one of the leading experts in content management systems (CMS), this newly revised bestseller guides readers through the confusing and often intimidating task of building, implementing, running, and managing a CMS Updated to cover recent developments in online delivery systems, as well as XML and related technologies Reflects valuable input from CMS users who attended the author's workshops, conferences, and courses An essential reference showing anyone involved in information delivery systems how to plan and implement a system that can handle large amounts of information and help achieve an organization's overall goals

CIO - 1997-12-01

Electronic Commerce: Concepts, Methodologies, Tools, and Applications - Becker, Annie
2007-12-31

Compiles top research from the world's leading experts on many topics related to electronic commerce. Covers topics including mobile commerce, virtual enterprises, business-to-business applications, Web services, and enterprise methodologies.

The Non-designer's Web Book - Robin Williams 2000

Demonstrates Web design basics and offers advice on navigation, interfaces, graphic file format, image preparation, and animation, while explaining how to test, upload, register, and promote effective Web sites.

Web Technologies and Applications - Xiaoyong Du 2011-03-31

This book constitutes the proceedings of the 13th Asia-Pacific Conference APWeb 2011 held in conjunction with the APWeb 2011 Workshops

XMLDM and USD, in Beijing, China, in April 2011. The 26 full papers presented together with 10 short papers, 3 keynote talks, and 4 demo papers were carefully reviewed and selected from 104 submissions. The submissions range over a variety of topics such as classification and clustering; spatial and temporal databases; personalization and recommendation; data analysis and application; Web mining; Web search and information retrieval; complex and social networks; and secure and semantic Web.

Architectural Drafting and Design - Alan Jefferis 2012-02-28

ARCHITECTURAL DRAFTING AND DESIGN, 6E is the classic text for all architectural drafters and CAD operators, whether beginning, intermediate, or advanced. This full-color, comprehensive edition provides the basics of residential design, using various types of projects that a designer or architect is likely to complete during the actual design process and is written to meet the most recent editions of IRC and IBC. This book begins with information on architectural styles that have dominated the field over the last four centuries, followed by basic design components related to the site and structure. Commercial drafting, basic materials used for construction, common construction methods and drawings typically associated with commercial construction are all covered. An important feature of this best-seller is its step-by-step instructions for the design and layout of each type of drawing associated with a complete set of architectural plans, with projects that can be completed using either CAD or manual drawing methods. Readers will gain the knowledge needed to complete the drawings required by most municipalities to obtain a building permit for a single-family residence. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Integrating the Web into Everyday Library Services - Elizabeth R. Leggett 2015-09-28

Integrating the Web into Everyday Library Services: A Practical Guide for Librarians is designed to introduce the reader to advanced online research techniques by explaining the concepts behind a variety of modern technological innovations. It is written with the idea that the reader will need to conduct

advanced research, help patrons conduct research, or teach classes about a variety of Internet-related topics.

The Essential Guide to User Interface Design - Wilbert O. Galitz 2007-04-10

Bringing together the results of more than 300 new design studies, an understanding of people, knowledge of hardware and software capabilities, and the author's practical experience gained from 45 years of work with display-based systems, this book addresses interface and screen design from the user's perspective. You will learn how to create an effective design methodology, design and organize screens and Web pages that encourage efficient comprehension and execution, and create screen icons and graphics that make displays easier and more comfortable to use.

SEO For Dummies - Peter Kent 2019-12-17

Up relevance scores, improve page speed, optimize voice search questions, and more! Search Engine Optimization For Dummies shows website owners, developers, and search engine optimizers (SEOs) how to create a website that ranks at the top of search engines and has high-volume traffic, while answering the essential question of "how do I get people to visit my site?" By understanding search engine basics (what are they, which ones are important, how to get started), building a search engine-friendly site, registering your site with directories and indexes, using analysis tools to track results and link popularity to boost rankings, and advertising your site by using pay-per-click options, you can use the tricks of SEO masters to drive traffic to your site. You'll also discover how to write effective content, use social media to boost your profile, and manage your platform and reputation to positively impact your search engine rankings. Develop a search strategy and use new SERP features Maximize the effects of personalized search Analyze results with improved analytics tools Optimize voice search strategies There's no time like the present to create a website that ranks at the top of search engines and drives traffic to your site with these tips, tricks, and secrets.

Search Engine Optimization - Andreas Veglis 2021-02-24

This Special Issue book focuses on the theory and practice of search engine optimization

(SEO). It is intended for anyone who publishes content online and it includes five peer-reviewed papers from various researchers. More specifically, the book includes theoretical and case study contributions which review and synthesize important aspects, including, but not limited to, the following themes: theory of SEO, different types of SEO, SEO criteria evaluation, search engine algorithms, social media and SEO, and SEO applications in various industries, as well as SEO on media websites. The book aims to give a better understanding of the importance of SEO in the current state of the Internet and online information search. Even though SEO is widely used by marketing practitioners, there is a relatively small amount of academic research that systematically attempts to capture this phenomenon and its impact across different industries. Thus, this collection of studies offers useful insights, as well as a valuable resource that intends to open the door for future SEO-related research.

Exploring the Elements of Design - Poppy Evans 2012-03-12

Designed to prepare students for success in graphic design, the third edition of EXPLORING THE ELEMENTS OF DESIGN has been completely updated to reflect the very latest in graphic design concepts and contemporary design work. With its straightforward approach and dynamic examples, this richly illustrated full-color text offers clear explanations of the fundamental principles, award-winning examples of professional work, and diagrams that clearly show how these principles operate in successful design solutions. Offering a practical and visual introduction to the world of graphic design, this text provides students with detailed coverage of design concepts, including color, imagery, creative thinking, and visual-problem solving, as well as an overview of the field of graphic design and related career options. In addition, the third edition includes all-new material on digital media, interactive design, and typography to ensure that students have all the information needed to work in the ever-changing world of graphic design. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Search Engine Advertising - Catherine Seda

2004

Most Internet search engines now allow marketers to buy specific keyword positions in addition to, or instead of, programming their way to the top. This book reveals how to effectively buy a top position on the major search engines and directories.

Absolute Beginner's Guide to Creating Web Pages - Todd Stauffer 2003

C.1 ST. AID B & T. 09-14-2007. \$18.95.

WordPress Web Design For Dummies - Lisa Sabin-Wilson 2011-05-12

Learn how WordPress can help you create a unique, customized Web site Once only a platform for bloggers, WordPress is gaining popularity as a tool for creating individualized Web sites. WordPress expert Lisa Sabin-Wilson makes it easy for anyone with a basic knowledge of the WordPress software to create a custom site using complimentary technologies including CSS, HTML, and PHP. This easy-to-follow, full-color guide helps you identify the tools and technologies you need to create the site you envision, build a user-friendly navigation system, select colors and layouts, work with existing WordPress themes, and even develop your own theme to personalize your site. WordPress offers a versatile tool for building customized Web sites; this full-color book walks you through the process, explains the complimentary technologies involved, and shows you how to select colors, fonts, and themes Case studies illustrate the process and the effects that can be achieved Shows how to incorporate WordPress templates, graphic design principles, HTML, CSS, and PHP to build a truly one-of-a-kind Web site If you know how to use WordPress software to create a blog, WordPress Web Design For Dummies will enable you to quickly and easily construct a unique Web site for your business, organization, or personal use.

E-Business Issues, Challenges and Opportunities for SMEs: Driving Competitiveness - Cruz-Cunha, Maria Manuela 2010-09-30

Electronic business plays a central role in the economy, facilitating the exchange of information, goods, services, and payments. It propels productivity and competitiveness and is accessible to all enterprises, and as such, represents an opportunity also for SME

competitiveness. *E-Business Issues, Challenges and Opportunities for SMEs: Driving Competitiveness* discusses the main issues, challenges, opportunities, and solutions related to electronic business adoption, with a special focus on SMEs. Addressing technological, organizational, and legal perspectives in a very comprehensive way, this text aims to disseminate current developments, case studies, new integrated approaches, and practical solutions and applications for SMEs.

Digital Design Essentials - Rajesh Lal 2013-06

Through hundreds of photographs, this dynamic guide demonstrates how to expertly apply design principles in a variety of devices, desktops, web pages, mobile and other touchscreen devices.

How to Become a Million Dollar Real Estate Agent in Your First Year - Susan Alvis
2016-09-30

Design, User Experience, and Usability: Design Thinking and Practice in Contemporary and Emerging Technologies - Marcelo M. Soares
2022-06-16

This book constitutes the refereed proceedings of the 11th International Conference on Design, User Experience, and Usability, DUXU 2022, held as part of the 23rd International Conference, HCI International 2022, which was held virtually in June/July 2022. The total of 1271 papers and 275 posters included in the HCII 2022 proceedings was carefully reviewed and selected from 5487 submissions. The DUXU 2022 proceedings comprise three volumes; they were organized in the following topical sections: Part I: Processes, Methods, and Tools for UX Design and Evaluation; User Requirements, Preferences, and UX Influential Factors; Usability, Acceptance, and User Experience Assessment. Part II: Emotion, Motivation, and Persuasion Design; Design for Well-being and Health.- Learning Experience Design; Globalization, Localization, and Culture Issues. Part III: Design Thinking and Philosophy; DUXU Case Studies; Design and User Experience in Emerging Technologies.

The Essential Guide to HTML5 and CSS3 Web Design - Craig Grannell 2012-09-07

The Essential Guide to HTML5 and CSS3 Web Design has been fully revised from its critically acclaimed first edition, and updated to include

all of the new features and best practices of HTML5 and CSS3. This book reveals all you'll need to design great web sites that are standards-compliant, usable, and aesthetically pleasing, but it won't overwhelm you with waffle, theory, or obscure details! You will find *The Essential Guide to HTML5 and CSS3 Web Design* invaluable at any stage of your career, with its mixture of practical tutorials and reference material. Beginners will quickly pick up the basics, while more experienced web designers and developers will keep returning to the book again and again to read up on techniques they may not have used for a while, or to look up properties, attributes and other details. This book is destined to become a close friend, adopting a permanent place on your desk. *The Essential Guide to HTML5 and CSS3 Web Design* starts off with a brief introduction to the web and web design, before diving straight in to HTML5 and CSS3 basics, reusing code, and other best practices you can adopt. The book then focuses on the most important areas of a successful web site: typography, images, navigation, tables, layouts, forms and feedback (including ready-made PHP scripts) and browser quirks, hacks and bugs. *The Essential Guide to HTML5 and CSS3 Web Design* is completely up-to-date, covering support of the newest standards in all the latest browsers, including IE 9 and Firefox 4. The last chapter of the book provides several case studies to dissect and learn from, including all the most popular web site archetypes—a blog, a store front, a corporate home page, and an online gallery. You'll also appreciate several detailed reference appendices covering CSS, HTML, color references, entities, and more—any details you need to look up will be close at hand.

Corporate Blogging For Dummies - Douglas Karr 2010-07-13

Establish a successful corporate blog to reach your customers Corporate blogs require careful planning and attention to legal and corporate policies in order for them to be productive and effective. This fun, friendly, and practical guide walks you through using blogging as a first line of communication to customers and explains how to protect your company and employees through privacy, disclosure, and moderation policies. Blogging guru Douglas Karr

demonstrates how blogs are an ideal way to offer a conversational and approachable relationship with customers. You'll discover how to prepare, execute, establish, and promote a corporate blogging strategy so that you can reap the rewards that corporate blogging offers. Shares best practices of corporate blogging, including tricks of the trade, what works, and traps to avoid Walks you through preparing a corporate blog, establishing a strategy, promoting that blog, and measuring its success Reviews the legalities involved with a corporate blog, such as disclaimers, terms of service, comment policies, libel and defamation, and more Features examples of successful blogging programs throughout the book Corporate Blogging For Dummies shows you how to establish a corporate blog in a safe, friendly, and successful manner.

Search Engine Optimization - Kristopher B. Jones 2013-03-29

Your visual, step-by-step guide to search engine optimization, from an Internet marketing expert Techniques and best practices for search engine optimization are constantly evolving. This visual guide to SEO is fully updated with information on the latest and most effective ways to move your website up in the search engine rankings. Internet marketing guru Kristopher Jones, a frequent keynote speaker at interactive marketing conferences, explains all the key concepts in a visual format so you can see how they work and what to do. Learn about keyword generation, internal linking, URL structure, content creation, using social media, and more. More than 70 percent of businesses today have websites; search engine optimization is a vital factor in growing a business by gaining new customers while increasing business from existing customers This two-color book is the only guide to search engine optimization that is presented in a visual format Presents search engine marketing principles including keyword generation, on-site optimization involving website structure, internal linking, URL structure, content creation, off-site optimization, social media optimization and more Author is a popular keynote speaker and panelist at interactive marketing and technology conferences Search Engine Optimization: Your visual blueprint for effective Internet marketing,

Third Edition helps visual learners master and maximize SEO techniques.

Designing Learning for Tablet Classrooms - Donovan R. Walling 2014-02-04

The versatile, cost-effective technology of the tablet computer has proved to be a good fit with the learning capabilities of today's students. Not surprisingly, in more and more classrooms, the tablet has replaced not only traditional print materials but the desktop computer and the laptop as well. Designing Instruction for Tablet Classrooms makes sense of this transition, clearly showing not just how and why tablet-based learning works, but how it is likely to evolve. Written for the non-technical reader, it balances elegant theoretical background with practical applications suitable to learning environments from kindergarten through college. A wealth of specialized topics ranges from course management and troubleshooting to creating and customizing etextbooks, from tablet use in early and remedial reading to the pros and cons of virtual field trips. And for maximum usefulness, early chapters are organized to spotlight core skills needed to negotiate the new design frontier, including: Framing the learning design approach. Analyzing the learning environment. Designing learning that capitalizes on tablet technology. Developing activities that match learning needs. Implementing the learning design. Conducting evaluations before, during, and after. This is proactive reading befitting a future of exciting developments in educational technology. For researchers and practitioners in this and allied fields, Designing Instruction for Tablet Classrooms offers limitless opportunities to think outside the box.

Cross-Cultural Design. User Experience of Products, Services, and Intelligent Environments - Pei-Luen Patrick Rau 2020-07-10

This two-volume set LNCS 12192 and 12193 constitutes the refereed proceedings of the 12th International Conference on Cross-Cultural Design, CCD 2020, held as part of HCI International 2020 in Copenhagen, Denmark in July 2020. The conference was held virtually due to the corona pandemic. The total of 1439 papers and 238 posters included in the 40 HCII 2020 proceedings volumes was carefully reviewed and selected from 6326 submissions.

The regular papers of Cross-Cultural Design CCD 2020 presented in this volume were organized in topical sections named: Cross-Cultural User Experience Design; Culture-Based Design, Cross-Cultural Behaviour and Attitude, and Cultural Facets of Interactions with Autonomous Agents and Intelligent Environments.

Shaping Web Usability - Albert Badre 2002

This text provides a complete web usability framework that reflects advanced research & practical experience. It addresses the issues that make web usability design unique including security, privacy, dynamic content, audience & navigation.

The Fashion Designer Survival Guide - Mary Gehlhar 2021-01-05

"Mary Gehlhar's third edition of her seminal Fashion Designer Survival Guide is the definitive how-to for navigating the fashion industry, post-pandemic. Mary's trailblazing book illuminates and inspires. She is a fashion treasure and this new edition is a rare gem." Tim Gunn "The Fashion Designer Survival Guide is packed with essential knowledge and advice from industry experts and experienced designers to set you on the right path. These insights will give you the solid foundation to create a plan and make smart decisions..." Christian Siriano In this updated and expanded edition of The Fashion Designer Survival Guide, Mary Gehlhar, industry authority and consultant to hundreds of fashion design entrepreneurs, offers behind-the-scenes insight and essential information to launch and grow your own fashion label. You'll hear from experts in social media, financing, and sales, along with advice from dozens of designers on solutions to their biggest challenges and their keys to success. A new section of full color photos from 25 independent designers bring the concepts to life. In this must-have guide, Gehlhar reveals essential information on: Creating a viable business plan Social media strategies to grow your customer base Maximizing online sales to get your designs directly into customers' closets Integrating sustainability in your sourcing and manufacturing Collaborating with influencers, stylists and brands to expand your audience Landing the right financing for your type of business Establishing wholesale partnerships with the best retail stores Navigating the pitfalls

of production both at home and abroad

Databases, Information Systems, and Peer-to-Peer Computing - DBISP2P 2004 (2004 : Toronto, Ont.) 2005-03-07

This book constitutes the thoroughly refereed postproceedings of the Second International Workshop on Databases, Information Systems, and Peer-to-Peer Computing, DBISP2P 2004, held in Toronto, Canada in August 2004 in conjunction with VLDB 2004. The 14 revised full papers presented together with an invited keynote paper were carefully selected during two rounds of reviewing and improvement. The papers are organized in topical sections on query routing and processing, similarity search in P2P networks, adaptive P2P networks, and information sharing and optimization.

Proceedings - 1999

Web Designer's Reference - Craig Grannell 2007-03-01

*Functions as two books in one: twelve tutorials chapters combined with thorough reference to XHTML and CSS syntax. *Integrates design, theory, and practical exercises"—working on a modular basis, just as a real-world designer must. *Each chapter is self-contained, enabling readers to dip in and out and learn specific techniques, without necessarily reading through the entire book.

Content - Kate Eichhorn 2022-05-10

A concise introduction to content and the content industry, from the early internet to the Instagram egg. From the time we roll out of bed to check overnight updates to our last posts, likes, and views of the previous day, we're consuming and producing content. But what does the term "content" even mean? When did it become ubiquitous? And at what cost? In this volume in the MIT Press Essential Knowledge series, Kate Eichhorn offers a concise introduction to content and the content industry, examining the far-reaching effects content has on culture, politics, and labor in a digital age. Eichhorn traces the evolution of our current understanding of content from the early internet to the current social mediaverse. The quintessential example of content, she says, is the Instagram egg—an image that imparted no information or knowledge and circulated simply for the sake of circulation. Eichhorn explores

what differentiates user-generated content from content produced by compensated (although often undercompensated) workers; examines how fields from art and literature to journalism and politics have weathered the rise of the content industry; and investigates the increasing importance of artists' "content capital"—the ability of artists, writers, and performers to produce content not about their work but about their status as artists.

Learning Technology for Education

Challenges - Lorna Uden 2017-08-07

This book constitutes the refereed proceedings of the 6th International Workshop on Learning Technology for Education in Cloud, LTEC 2017, held in Beijing, China, in August 2017. The 16 revised full papers presented were carefully reviewed and selected from 37 submissions. The papers are organized in topical sections on Learning Technologies; Learning Tools and Environment; Online Learning and MOOC; Problem Solving and Knowledge Transfer.

Get Your Business Online Now! - Todd Alexander 2012-02-28

Online business, or e-commerce, has become the buzzword of the past year. The media and key influencers alike are talking about the potential of e-commerce but many Australian businesses have not reached their potential and those managing them don't know how to go about it. One of the obstacles is the lack of affordable, local knowledge in the area. The assumption is that anyone with a website can appear on Google and be successful - but the reality is vastly different. Consultants will charge tens of thousands of dollars to give the same advice that is contained in this book, which includes an outline of the e-commerce opportunity, how to design and build an effective website, the best marketing and advertising strategies, logistics and payment solutions, utilising marketplaces and mobile commerce, and the key to outstanding online customer service. In this straightforward user-friendly guide, Todd Alexander, an author with 10 years' experience as an e-commerce expert, provides the essential tools to get all types of businesses get online and make their websites successful and profitable.

Design, User Experience, and Usability:

Designing Interactions - Aaron Marcus 2018-07-10

The three-volume set LNCS 10918, 10919, and 10290 constitutes the proceedings of the 7th International Conference on Design, User Experience, and Usability, DUXU 2018, held as part of the 20th International Conference on Human-Computer Interaction, HCII 2018, in Las Vegas, NV, USA in July 2018. The total of 1171 papers presented at the HCII 2018 conferences were carefully reviewed and selected from 4346 submissions. The papers cover the entire field of human-computer interaction, addressing major advances in knowledge and effective use of computers in a variety of applications areas. The total of 165 contributions included in the DUXU proceedings were carefully reviewed and selected for inclusion in this three-volume set. The 50 papers included in this volume are organized in topical sections on design, education and creativity, GUI, visualization and image design, multimodal DUXU, and mobile DUXU.

Big Data - Hassan A. Karimi 2014-02-18

Big data has always been a major challenge in geoinformatics as geospatial data come in various types and formats, new geospatial data are acquired very fast, and geospatial databases are inherently very large. And while there have been advances in hardware and software for handling big data, they often fall short of handling geospatial big data efficiently and effectively. *Big Data: Techniques and Technologies in Geoinformatics* tackles these challenges head on, integrating coverage of techniques and technologies for storing, managing, and computing geospatial big data. Providing a perspective based on analysis of time, applications, and resources, this book familiarizes readers with geospatial applications that fall under the category of big data. It explores new trends in geospatial data collection, such as geo-crowdsourcing and advanced data collection technologies such as LiDAR point clouds. The book features a range of topics on big data techniques and technologies in geoinformatics including distributed computing, geospatial data analytics, social media, and volunteered geographic information. With chapters contributed by experts in geoinformatics and in domains such as computing and engineering, the book provides an understanding of the challenges and

issues of big data in geoinformatics applications. The book is a single collection of current and emerging techniques, technologies, and tools that are needed to collect, analyze, manage, process, and visualize geospatial big data.

Handbook of Digital Forensics and Investigation

- Eoghan Casey 2009-10-07

Handbook of Digital Forensics and Investigation builds on the success of the Handbook of Computer Crime Investigation, bringing together renowned experts in all areas of digital forensics and investigation to provide the consummate resource for practitioners in the field. It is also designed as an accompanying text to Digital Evidence and Computer Crime. This unique collection details how to conduct digital investigations in both criminal and civil contexts, and how to locate and utilize digital evidence on computers, networks, and embedded systems. Specifically, the Investigative Methodology section of the Handbook provides expert guidance in the three main areas of practice: Forensic Analysis, Electronic Discovery, and Intrusion Investigation. The Technology section is extended and updated to reflect the state of

the art in each area of specialization. The main areas of focus in the Technology section are forensic analysis of Windows, Unix, Macintosh, and embedded systems (including cellular telephones and other mobile devices), and investigations involving networks (including enterprise environments and mobile telecommunications technology). This handbook is an essential technical reference and on-the-job guide that IT professionals, forensic practitioners, law enforcement, and attorneys will rely on when confronted with computer related crime and digital evidence of any kind. *Provides methodologies proven in practice for conducting digital investigations of all kinds *Demonstrates how to locate and interpret a wide variety of digital evidence, and how it can be useful in investigations *Presents tools in the context of the investigative process, including EnCase, FTK, ProDiscover, foremost, XACT, Network Miner, Splunk, flow-tools, and many other specialized utilities and analysis platforms *Case examples in every chapter give readers a practical understanding of the technical, logistical, and legal challenges that arise in real investigations