

Tapworthy Designing Great Iphone Apps

This book on marketing continues to reflect our firm belief that the Wheel of Consumer Analysis is a powerful tool not only for organizing consumer behaviour knowledge but also for understanding consumers and for guiding the development of successful marketing strategies. In fact, it has been used by marketing consultants and practitioners to do so. The various chapters presented here follow several approaches, which researchers can explore in different contexts. This book intends to contribute to a better understanding of the application areas of marketing strategies and shows how these business practices in social sciences can stimulate various topics.

Information technologies have evolved to an enabling science for natural resource management and conservation, environmental engineering, scientific simulation and integrated assessment studies. Computing plays a significant role in the every day practices of environmental engineers, natural scientists, economists, and social scientists. The complexity of natural phenomena requires interdisciplinary approaches, where computing science offers the infrastructure for environmental data collection and management, scientific simulations, decision support, documentation and reporting. Ecology, environmental engineering and natural resource management comprise an excellent real-world testbed for IT system demonstration, while presenting new challenges for computer science. Complexity, uncertainty and scaling issues of natural systems constitute a demanding application domain for modelling, simulation and scientific workflows, data management and reporting, decision support and intelligent systems, distributed computing environments, geographical information systems, heterogeneous systems integration, software engineering, accounting systems, control systems, as well as sustainable manufacturing and reverse logistics. This books offers a collection of papers presented at the 6th International Conference on Environmental Engineering, held in July 2013, in Lüneburg, Germany. Recent success stories in ecoinformatics, promising ideas and new challenges are discussed among computer scientists, environmental engineers, industrial engineers, economists and social scientists, demonstrating new paradigms for problem solving and decision making.

Anyone with programming experience can learn how to write an iPhone app. But if you want to build a great app, there's a lot more to it than simple coding: you also need to know how design and market your creation. This easy-to-follow guide walks you through the entire process, from sketching out your idea to promoting the finished product. Get to know the tools for developing your iPhone app Design a great app before you start coding Build a complex app with Xcode and Interface Builder Decide how to brand your app-then beta-test that brand in the real world Learn the inside scoop on how to get your app into the App Store Promote your product, track sales, and build a strong customer following

Apple's iWork is more versatile than ever now that there are versions for Mac, iOS, and even iCloud. The only thing iWork doesn't include is its own how-to guide. That's where this friendly, jargon-free Missing Manual comes in. With complete instructions and helpful examples, you'll quickly learn how to create stunning documents, slideshows, and spreadsheets with iWork's Pages, Keynote, and Numbers. The important stuff you need to know: Create elegant files in minutes. Save tons of time by using iWork's collection of prebuilt templates and themes. Craft a variety of documents. Use Pages to design attractive newsletters, catalogs, brochures, flyers, and posters. Build eye-popping presentations. Turn Keynote's themes and easy-to-use cinematic effects into beautiful custom slideshows. Organize and clearly convey information. Jazz up your Numbers spreadsheets with charts, images, and videos. Always have your work on hand. Store your files in iCloud and have them sync automatically to your Mac and iOS devices. Work anywhere, any time. Use the web-based iWork for iCloud to create projects on any computer—even a PC. Versions covered: This edition covers Pages for Mac 5.1, Keynote for Mac 6.1, Numbers for Mac 3.1, version 2.1 of each iOS app, and iWork for iCloud.

Everyone wants their product to be the next great killer app. But in the increasingly crowded world of mobile content, this pinnacle of success is becoming harder and harder to reach. The iPod, iPhone, and iPad offer tremendous opportunity for the savvy developer to achieve millions of sales, but it's not just about tossing your creation into Apple's App Store pool and expecting it to swim. Visionary author Rana June Sobhany offers a lively step-by-step process that will enable anyone - from the small independent to the advanced development house - to aggressively position, market, and sell their product. Mobilize reveals the secrets and techniques that have made her a pioneer in the industry, enabling you to cut through the noise and chaos and sell your app to an audience hungry for the next great thing. She also shares insights from other industry professionals whose secrets will illustrate the vital do's and don'ts you must address in order to succeed. More than just a book, this is the seller's development kit for the mobile age.

People today use technology on different devices in different locations. Users expect to access information on all relevant screens and across multiple channels through smartphones, tablets, laptops/desktops, smart (internet-connected) TVs, and other devices, such as smartwatches for example. Multiscreen is no longer a nice add-on, it's a requirement. In this environment, user experience needs to cater to multiple devices. This book provides a holistic approach that will help UX professionals to offer a hands-on guide for UX design across multiple screens. It presents an opportunity to learn how to cater designs for customers. Readers will find patterns, strategies, examples and case studies, methodologies, and insights to help inspire them to develop a viable strategy for their own digital products and services. UX professionals will walk through important elements of multiscreen UX: Investigating the devices and their capabilities Understanding the users and their capabilities Considering the context in which users use these devices Navigating next generation information experiences and the future of content management Designing content and UI architecture for multiscreen projects A hands-on, practical guide to UX design for how users approach content – across more than one screen at a time Discusses devices, users, and their practices Includes best practices, real-world examples, and tips and tricks A preface written by Scott Jenson

Looks at the social implications of having all of one's technology in a single device and the notion of being plugged into information and socially available all the time.

Attention, designers, it's time to get serious about your creative process. For too long you've allowed yourself to go soft, relying on your software to do all of your creative work at the expense of your craftsmanship. This book will NOT show you how to use every tool and feature in Adobe Illustrator. This book WILL, however, teach you the importance of drawing out your ideas, analyzing the shapes, and then methodically building them precisely in vector form using the techniques explained in this book. In Vector Basic Training, Second Edition acclaimed illustrative designer Von Glitschka takes you through his systematic process for creating the kind of precise vector graphics that separate the pros from the mere toolers. Along the way, he'll whip your drawing skills into shape and show you how to create elegant curves and precise anchor points for your designs. In addition to new illustrative examples throughout the book, this edition includes an all-new chapter on how to apply color and detail to your illustrations using tried-and-true methods that you'll use over and over again. You'll also get access to over seven hours of all-new HD video tutorials and source files so you can follow along with Von as he walks you through his entire process. Whether you're creating illustrations in Adobe Illustrator, Affinity Designer, CorelDRAW, or even Inkscape, you'll be able to use Von's techniques to establish a successful creative process for crafting consistently precise illustrations every single time you pick you up your pen, stylus, or mouse. In Vector Basic Training, Second Edition, you'll learn: The tools and shortcuts that make up a design pro's creative arsenal How to use "The Clockwork Method" to create accurate curves every time When and where to set just the right number of anchor points for any design How to build shapes quickly using basic Illustrator tools and plug-ins Techniques for art directing yourself to get the results you desire Fundamental methods for applying color and detail to your illustrations

This book constitutes the thoroughly refereed post-conference proceedings of the Fourth International Conference on

Mobile Computing, Applications, and Services (MobiCASE 2012) held in Seattle, Washington, USA, in October 2012. The 18 revised full papers presented together with 9 revised poster papers were carefully reviewed and selected from 51 submissions. The conference papers are organized in five topical sections, covering mobile application development, multi-dimensional interactions, system support and architecture, mobile applications, and mobile services.

"The Secrets of my App Success" is widely known as the Bible of app development for Non-Programmers.

Explore the game-changing technology that allows mobile learning to effectively reach K-12 students Mobile Learning: A Handbook for Developers, Educators and Learners provides research-based foundations for developing, evaluating, and integrating effective mobile learning pedagogy. Twenty-first century students require twenty-first century technology, and mobile devices provide new and effective ways to educate children. But with new technologies come new challenges—therefore, this handbook presents a comprehensive look at mobile learning by synthesizing relevant theories and drawing practical conclusions for developers, educators, and students. Mobile devices—in ways that the laptop, the personal computer, and netbook computers have not—present the opportunity to make learning more engaging, interactive, and available in both traditional classroom settings and informal learning environments. From theory to practice, Mobile Learning explores how mobile devices are different than their technological predecessors, makes the case for developers, teachers, and parents to invest in the technology, and illustrates the many ways in which it is innovative, exciting, and effective in educating K-12 students. Explores how mobile devices can support the needs of students Provides examples, screenshots, graphics, and visualizations to enhance the material presented in the book Provides developers with the background necessary to create the apps their audience requires Presents the case for mobile learning in and out of classrooms as early as preschool Discusses how mobile learning enables better educational opportunities for the visually impaired, students with Autism, and adult learners. If you're a school administrator, teacher, app developer, or parent, this topical book provides a theoretical, well-researched discussion of the pedagogical theory and mobile learning, as well as practical advice in setting up a mobile learning strategy.

A guide to iPad programming provides instructions on building PhotoWheel, a photo management and sharing application, using iOS 5.

Summary Usability Matters: Mobile-first UX for developers and other accidental designers gives you practical advice and guidance on how to create attractive, elegant, and useful user interfaces for native and web-based mobile apps.

Purchase of the print book includes a free eBook in PDF, Kindle, and ePub formats from Manning Publications. About the Technology Just because a mobile app works doesn't mean real people are going to like it. Usability matters! Most mobile developers wind up being part-time designers, and mastering a few core principles of mobile UI can make the difference between app and crap. About the Book Usability Matters is a guide for developers wrestling with the subtle art of mobile design. With each expertly presented example, app developer and designer Matt Lacey provides easy-to-implement techniques that instantly boost your design IQ. Skipping highbrow design theory, he addresses topics like gracefully handling network dropouts and creating intuitive data inputs. Read this book and your apps will look better, your users will be happier, and you might even get some high-fives at the next design review. What's Inside

Understanding your users Optimizing input and output Creating fast, responsive experiences Coping with poor network conditions Managing power and resources About the Reader This book is for mobile developers working on native or web-based apps. About the Author Matt Lacey is an independent mobile developer and consultant and a Microsoft MVP. He's built, advised on, and contributed to apps for social networks, film and TV broadcasters, travel companies, banks and financial institutions, sports companies, news organizations, music-streaming services, device manufacturers, and electronics retailers. These apps have an installed base of more than 500,000,000 users and are used every day around the world. Matt previously worked at a broad range of companies, doing many types of development. He has worked at startups, small ISVs, national enterprises, and global consultancies, and written software for servers, desktops, devices, and industrial hardware in more languages than he can remember. He lives in the UK with his wife and two children.

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With the millions of apps in the crowded Apple iTunes App Store, it can be difficult to get your apps noticed. How can you make your app stand out from the crowd and get it the reviews it deserves? iOS Wow Factor shows you how to get noticed! It explains how to go beyond the basics and where to "break the rules" to give your users a "wow" experience! You'll learn to use standard controls, as well as to create non-standard controls and high-impact custom interactions to realize truly compelling app designs. Get grounded in Apple's Human Interface Guidelines (HIG) so that you can appreciate all its wisdom. From that excellent foundation, move beyond the HIG and learn how to ensure that all your apps have that "wow" factor. Learn all about user experience (UX) design techniques, with and beyond Apple's HIG, and how to move your apps out of mundane design and into innovative user experiences. Examine the characteristics and constraints of the iOS platform and how to leverage its strengths to maximum effect in your apps. iOS Wow Factor explains what makes a successful mobile app design, and how to apply those principles of success to your own apps. Once you get the iOS Wow Factor into your apps, you can watch your app adoption rate increase and gain the traction it needs to succeed and earn a profit in the Apple iTunes App Store. Find out everything you'll need to "wow" your future customers!

The three-volume set LNCS 9186, 9187, and 9188 constitutes the proceedings of the 4th International Conference on Design, User Experience, and Usability, DUXU 2015, held as part of the 17th International Conference on Human-

Computer Interaction, HCII 2015, in Los Angeles, CA, USA, in August 2015, jointly with 13 other thematically similar conferences. The total of 1462 papers and 246 posters presented at the HCII 2015 conferences were carefully reviewed and selected from 4843 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 132 contributions included in the DUXU proceedings were carefully reviewed and selected for inclusion in this three-volume set. The 67 papers included in this volume are organized in topical sections on users in DUXU, women in DUXU, information design, touch and gesture DUXU, mobile DUXU, and wearable DUXU. Mobile user experience is a new frontier. Untethered from a keyboard and mouse, this rich design space is lush with opportunity to invent new and more human ways for people to interact with information. Invention requires casting off many anchors and conventions inherited from the last 50 years of computer science and traditional design and jumping head first into a new and unfamiliar design space.

The iPhone is the hottest gadget of our generation, and much of its success has been fueled by the App Store, Apple's online marketplace for iPhone applications. Over 1 billion apps have been downloaded in the 9 months the App Store has been open, ranging from the simplest games to the most complex business apps. Everyone has an idea for the next best-selling iPhone app—presumably that's why you're reading this now. And with the release of the iPad, this demand will just continue to grow. So how do you build an application for the iPhone and iPad? Don't you need to spend years learning complicated programming languages? What about Objective-C, Cocoa Touch, and the software development kit (SDK)? The answer is that you don't need to know any of those things. Anybody can start building simple applications for the iPhone and iPad, and this book will show you how. This book takes you to getting your first applications up and running using plain English and practical examples. It cuts through the fog of jargon and misinformation that surrounds iPhone and iPad application development, and gives you simple, step-by-step instructions to get you started. Teaches iPhone and iPad application development in language anyone can understand Provides simple, step-by-step examples that make learning easy Offers videos that enable you to follow along with the author—it's like your own private classroom

User experience design is one of the fastest-growing specialties in graphic design. Smart companies realize that the most successful products are designed to meet the needs and goals of real people—the users. This means putting the user at the center of the design process. This innovative, comprehensive book examines the user-centered design process from the perspective of a designer. With rich imagery, *Interactive Design* introduces the different UX players, outlines the user-centered design process from user research to user testing, and explains through various examples how user-centered design has been successfully integrated into the design process of a variety of design studios worldwide.

Deliver an optimal user experience to all devices—including tablets, smartphones, feature phones, laptops, and large screens—by learning the basics of responsive web design. In this hands-on guide, UX designer Clarissa Peterson explains how responsive web design works, and takes you through a responsive workflow from project kickoff to site launch. Ideal for anyone involved in the process of creating websites—not just developers—this book teaches you fundamental strategies and techniques for using HTML and CSS to design websites that not only adapt to any screen size, but also use progressive enhancement to provide a better user experience based on device capabilities such as touchscreens and retina displays. Start with content strategy before creating a visual design Learn why your default design should be for the narrowest screens Explore the HTML elements and CSS properties essential for responsive web design Use media queries to display different CSS styles based on a device's viewport width Handle elements such as images, typography, and navigation Use performance optimization techniques to make your site lighter and faster

The three-volume set LNCS 10288, 10289, and 10290 constitutes the proceedings of the 6th International Conference on Design, User Experience, and Usability, DUXU 2017, held as part of the 19th International Conference on Human-Computer Interaction, HCII 2017, in Vancouver, BC, Canada, in July 2017, jointly with 14 other thematically similar conferences. The total of 1228 papers presented at the HCII 2017 conferences were carefully reviewed and selected from 4340 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 168 contributions included in the DUXU proceedings were carefully reviewed and selected for inclusion in this three-volume set. LNCS 10288: The 56 papers included in this volume are organized in topical sections on design thinking and design philosophy; aesthetics and perception in design; user experience evaluation methods and tools; user centered design in the software development lifecycle; DUXU education and training. LNCS 10289: The 56 papers included in this volume are organized in topical sections on persuasive and emotional design; mobile DUXU; designing the playing experience; designing the virtual, augmented and tangible experience; wearables and fashion technology. LNCS 10290: The 56 papers included in this volume are organized in topical sections on information design; understanding the user; DUXU for children and young users; DUXU for art, culture, tourism and environment; DUXU practice and case studies.

Create your very own apps for the latest iOS devices. You'll start with the basics, and then work your way through the process of downloading and installing Xcode and the iOS 10 SDK, and then guides you through the creation of your first simple application. Assuming little or no working knowledge of the Swift programming language, and written in a friendly, easy-to-follow style, *Beginning iPhone Development with Swift 3* offers a comprehensive course in iPhone and iPad programming. In this third edition of the best-selling book, you'll learn how to integrate all the interface elements iOS users have come to know and love, such as buttons, switches, pickers, toolbars, and sliders. Every single sample app in the book has been rebuilt from scratch using the latest Xcode and the latest iOS 10-specific project templates, and designed to take advantage of the latest Xcode features. Discover brand-new technologies, as well as significant updates to existing tools. You'll master a variety of design patterns, from the simplest single view to complex hierarchical drill-downs. The art of table building will be demystified, and you'll learn how to save your data using the iOS file system. You'll also learn how to save and retrieve your data using a variety of persistence techniques, including Core Data and SQLite. And there's much more! What You Will Learn Develop your own bestselling iPhone and iPad apps Utilize Swift playgrounds Display data in Table Views Draw to the screen using Core Graphics Use iOS sensor capabilities to

map your world Get your app to work with iCloud and more Who This Book is For Anyone who wants to start developing for iPhone and iPad.

How do we create a satisfactory user experience when limited to a small device? This new guide focuses on usability for mobile devices, primarily smartphones and touchphones, and covers such topics as developing a mobile strategy, designing for small screens, writing for mobile, usability comparisons, and looking toward the future. The book includes 228 full color illustrations to demonstrate the points. Based on expert reviews and international studies with participants ranging from students to early technology adopters and business people using websites on a variety of mobile devices, this guide offers a complete look at the landscape for a mobile world. Author Jakob Nielsen is considered one of the world's leading experts on Web usability. He is the author of numerous best-selling books, including *Prioritizing Web Usability* and the groundbreaking *Designing Web Usability*, which has sold more than 250,000 copies and has been translated in 22 languages.

"Not many books have a single project that lives and evolves through the entire narrative. The reason not many books do this is because it is difficult to do well. Important toolkit features get shoehorned in weird places because the author didn't do enough up-front design time. This book, though, takes you from design, to a prototype, to the Real Deal. And then it goes further." —Mark Dalrymple, cofounder of CocoaHeads, the international Mac and iPhone programmer community; author of *Advanced Mac OS X Programming: The Big Nerd Ranch Guide* *Learning iPad Programming, Second Edition*, will help you master all facets of iPad programming with Apple's newest tools. Its in-depth, hands-on coverage fully addresses the entire development process, from installing the iOS SDK through coding, debugging, submitting apps for Apple's review, and deployment. Extensively updated for Apple's newest iOS features and Xcode 4.x updates, this book teaches iPad programming through a series of exercises centered on building PhotoWheel, a powerful personal photo library app. As you build PhotoWheel, you'll gain experience and real-world insights that will help you succeed with any iPad development project. Leading iOS developers Kirby Turner and Tom Harrington introduce the essentials of iOS development, focusing on features that are specific to iPad. You'll find expert coverage of key topics many iOS development books ignore, from app design to Core Data. You'll also learn to make the most of crucial iOS and Xcode features, such as Storyboarding and Automatic Reference Counting (ARC), and extend your app with web services and the latest iCloud syncing techniques. Learn how to Build a fully functional app that uses Core Data and iCloud syncing Use Storyboarding to quickly prototype a functional UI and then extend it with code Create powerful visual effects with Core Animation and Core Image Support AirPrint printing and AirPlay slideshows Build collection views and custom views, and use custom segues to perform custom view transitions Download the free version of PhotoWheel from the App Store today! Import, manage, and share your photos as you learn how to build this powerful app.

Andrew, Judy, and Thudd drive the Water Bug deep into the ocean, where the only light comes from strange glowing creatures. Just as they're passing over the deepest place on earth, the trusty Water Bug loses power! Now instead of saving the giant squids, Andrew, Judy, and Thudd will have to save themselves - or be lost on the bottom of the ocean forever!

Karen McGrane will teach you everything you need to get your content onto mobile devices (and more). You'll first gather data to help you make the case for a mobile strategy, then learn how to publish flexibly to multiple channels. Along the way, you'll get valuable advice on adapting your workflow to a world of emerging devices, platforms, screen sizes, and resolutions.

The MicroStrategy Mobile for App Developers course teaches you how to interact with business intelligence data using MicroStrategy Mobile apps. You will learn how to configure connectivity, build reports and documents for mobile devices, and design process-specific MicroStrategy Mobile™ apps. You should be familiar with MicroStrategy Web™ and MicroStrategy Report Services™ before taking this course.

How can you make your iPad or iPhone app stand out in the highly competitive App Store? While many books simply explore the technical aspects of iPad and iPhone app design and development, *App Savvy* also focuses on the business, product, and marketing elements critical to pursuing, completing, and selling your app -- the ingredients for turning a great idea into a genuinely successful product. Whether you're a designer, developer, entrepreneur, or just someone with a unique idea, *App Savvy* explains every step in the process, with guidelines for planning a solid concept, engaging customers early and often, developing your app, and launching it with a bang. Author Ken Yarmosh details a proven process for developing successful apps, and presents numerous interviews with the App Store's most prominent publishers. Learn about the App Store and how Apple's mobile devices function Follow guidelines for vetting and researching app ideas Validate your ideas with customers -- and create an app they'll be passionate about Assemble your development team, understand costs, and establish a workable process Build your marketing plan while you develop your application Test your working app extensively before submitting it to the App Store Assess your app's performance and keep potential buyers engaged and enthusiastic

What does it take to build an iPhone app with stunning 3D graphics? This book will show you how to apply OpenGL graphics programming techniques to any device running the iPhone OS -- including the iPad and iPod Touch -- with no iPhone development or 3D graphics experience required. *iPhone 3D Programming* provides clear step-by-step instructions, as well as lots of practical advice, for using the iPhone SDK and OpenGL. You'll build several graphics programs -- progressing from simple to more complex examples -- that focus on lighting, textures, blending, augmented reality, optimization for performance and speed, and much more. All you need to get started is a solid understanding of C++ and a great idea for an app. Learn fundamental graphics concepts, including transformation matrices, quaternions, and more Get set up for iPhone development with the Xcode environment Become familiar with versions 1.1 and 2.0 of the OpenGL ES API, and learn to use vertex buffer objects, lighting, texturing, and shaders Use the iPhone's touch screen, compass, and accelerometer to build interactivity into graphics applications Build iPhone graphics applications such as a 3D wireframe viewer, a simple augmented reality application, a spring system simulation, and more

How are libraries meeting the evolving needs of mobile users? According to comScore, the smartphone is in the "late majority stage of technology adoption curve." And people don't turn to their devices only for quick facts when on the move: 93 percent of mobile users access the Internet from home on their devices; what's more, Pew reports that 63

percent of Americans age 16 and over would use app-based access to library materials and programs if they were available. In this issue of Library Technology Reports, Kim shows how leading libraries are meeting these evolving needs. Topics include: 6 steps to improving your mobile website Analysis of the advantages and challenges of the responsive Web Comparison of user perceptions of web apps and native apps Visual review of the changes in the libraries mobile web implementation since 2010 Results of MIT surveys of more than 15,000 patrons in 2008 and 2011 Tips for simplifying mobile's complexity

Tapworthy Designing Great iPhone Apps "O'Reilly Media, Inc."

The four-volume set LNCS 8012, 8013, 8014 and 8015 constitutes the proceedings of the Second International Conference on Design, User Experience, and Usability, DUXU 2013, held as part of the 15th International Conference on Human-Computer Interaction, HCII 2013, held in Las Vegas, USA in July 2013, jointly with 12 other thematically similar conferences. The total of 1666 papers and 303 posters presented at the HCII 2013 conferences was carefully reviewed and selected from 5210 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 282 contributions included in the DUXU proceedings were carefully reviewed and selected for inclusion in this four-volume set. The 67 papers included in this volume are organized in the following topical sections: cross-cultural and intercultural user experience; designing for the learning and culture experience; designing for the health and quality of life experience; and games and gamification.

The increasing automation of driving functions and the electrification of powertrains present new challenges for the chassis with regard to complexity, redundancy, data security, and installation space. At the same time, the mobility of the future will also require entirely new vehicle concepts, particularly in urban areas. The intelligent chassis must be connected, electrified, and automated in order to be best prepared for this future. Contents New Chassis Systems.- Handling and Vehicle Dynamics.- NVH – Acoustics and Vibration in the Chassis.- Smart Chassis, ADAS, and Autonomous Driving.- Lightweight Design.- Innovative Brake Systems.- Brakes and the Environment.- Electronic Chassis Systems.- Virtual Chassis Development and Homologation.- Innovative Steering Systems and Steer-by-Wire.- Development Process, System Properties and Architecture.- Innovations in Tires and Wheels. Target audiences Automotive engineers and chassis specialists as well as students looking for state-of-the-art information regarding their field of activity - Lecturers and instructors at universities and universities of applied sciences with the main subject of automotive engineering - Experts, researchers and development engineers of the automotive and the supplying industry Publisher ATZ live stands for top quality and a high level of specialist information and is part of Springer Nature, one of the leading publishing groups worldwide for scientific, educational and specialist literature. Partner TÜV SÜD is an international leading technical service organisation catering to the industry, mobility and certification segment.

When you're under pressure to produce a well designed, easy-to-navigate mobile app, there's no time to reinvent the wheel. This concise book provides a handy reference to 70 mobile app design patterns, illustrated by more than 400 screenshots from current iOS, Android, BlackBerry, WebOS, Windows Mobile, and Symbian apps. User experience professional Theresa Neil (Designing Web Interfaces) walks you through design patterns in 10 separate categories, including anti-patterns. Whether you're designing a simple iPhone application or one that's meant to work for every popular mobile OS on the market, these patterns provide solutions to common design challenges. This print edition is in full color. Pattern categories include: Navigation: get patterns for primary and secondary navigation Forms: break the industry-wide habits of bad form design Tables and lists: display only the most important information Search, sort, and filter: make these functions easy to use Tools: create the illusion of direct interaction Charts: learn best practices for basic chart design Invitations: invite users to get started and discover features Help: integrate help pages into a smaller form factor "It's a super handy catalog that I can flip to for ideas." —Bill Scott, Senior Director of Web Development at PayPal "Looks fantastic." —Erin Malone, Partner at Tangible UX "Just a quick thanks to express my sheer gratitude for this pub, it has been a guide for me reworking a design for an app already in production!" —Agatha June, UX designer When you're under pressure to produce a well designed, easy-to-navigate mobile app, there's no time to reinvent the wheel. This concise book provides a handy reference to 70 mobile app design patterns, illustrated by more than 400 screenshots from current iOS, Android, BlackBerry, WebOS, Windows Mobile, and Symbian apps. User experience professional Theresa Neil (Designing Web Interfaces) walks you through design patterns in 10 separate categories, including anti-patterns. Whether you're designing a simple iPhone application or one that's meant to work for every popular mobile OS on the market.

So you've got an idea for an iPhone app -- along with everyone else on the planet. Set your app apart with elegant design, efficient usability, and a healthy dose of personality. This accessible, well-written guide shows you how to design exceptional user experiences for the iPhone and iPod Touch through practical principles and a rich collection of visual examples. Whether you're a designer, programmer, manager, or marketer, Tapworthy teaches you to "think iPhone" and helps you ask the right questions -- and get the right answers -- throughout the design process. You'll explore how considerations of design, psychology, culture, ergonomics, and usability combine to create a tapworthy app. Along the way, you'll get behind-the-scenes insights from the designers of apps like Facebook, USA Today, Twitterrific, and many others. Develop your ideas from initial concept to finished design Build an effortless user experience that rewards every tap Explore the secrets of designing for touch Discover how and why people really use iPhone apps Learn to use iPhone controls the Apple way Create your own personality-packed visuals

Mobile devices, now prevalent in work and educational environments, have completely changed our interactions with information. They have a greater impact on content consumption and creation, enabling users to search for information, apply new knowledge, and evaluate the consequences of their decisions in real time. Mobile learning can be a great tool for knowledge-building and can trigger a learning experience on the go and in the moment of need. But to realize the potential of mobile learning in your organization, you need to be strategic. This Infoline will: Outline how to design a mobile learning strategy for organizations Provide an understanding of mobile learning's potential Detail the steps involved in design, development, and implementation Also included is a job aid that will walk you through the key questions you need to answer to develop a strategy that will work for your organization.

Everyone has been talking about the mobile web in recent years, and more of us are browsing the web on smartphones and similar devices than ever before. But most of what we are viewing has not yet been updated for mobile presentation. How can designers bring more of the web up to speed with the capabilities of today's mobile devices? In Mobilizing Web Sites: Develop and Design, author and designer Kristofer Layon addresses that elephant in the room --the many existing web sites that we manage on a day-to-day basis-- and walks through

techniques that web designers can use to make these legacy web sites better-suited for mobile viewing. By focusing on content strategy and the mobile UI experience, web designers can use HTML, CSS, and JavaScript to design mobile presentations of legacy, standards-based web sites. The techniques of gradual mobile improvement are all that a designer needs to help the existing web be more mobile.

The four-volume set LNCS 8517, 8518, 8519 and 8520 constitutes the proceedings of the Third International Conference on Design, User Experience and Usability, DUXU 2014, held as part of the 16th International Conference on Human-Computer Interaction, HCII 2014, held in Heraklion, Crete, Greece in June 2014, jointly with 13 other thematically similar conferences. The total of 1476 papers and 220 posters presented at the HCII 2014 conferences were carefully reviewed and selected from 4766 submissions. These papers address the latest research and development efforts and highlight the human aspects of design and use of computing systems. The papers accepted for presentation thoroughly cover the entire field of Human-Computer Interaction, addressing major advances in knowledge and effective use of computers in a variety of application areas. The total of 256 contributions included in the DUXU proceedings were carefully reviewed and selected for inclusion in this four-volume set. The 66 papers included in this volume are organized in topical sections on design theories, methods and tools; user experience evaluation; heuristic evaluation; media and design; design and creativity.

Explains how to design, create, and market a successful application across any mobile platform, including iPhone, iPad, Android, and BlackBerry.

This two-volume-set (CCIS 188 and CCIS 189) constitutes the refereed proceedings of the International Conference on Digital Information Processing and Communications, ICDIPC 2011, held in Ostrava, Czech Republic, in July 2011. The 91 revised full papers of both volumes presented together with 4 invited talks were carefully reviewed and selected from 235 submissions. The papers are organized in topical sections on network security; Web applications; data mining; neural networks; distributed and parallel processing; biometrics technologies; e-learning; information ethics; image processing; information and data management; software engineering; data compression; networks; computer security; hardware and systems; multimedia; ad hoc network; artificial intelligence; signal processing; cloud computing; forensics; security; software and systems; mobile networking; and some miscellaneous topics in digital information and communications.

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