

Smashing Webkit

New possible uses of CSS appear every day, and you shouldn't miss any of them. This eBook Mastering CSS3 brings together tips on the newest approaches to CSS, such as CSS animation guidelines, CSS grid frameworks and modern techniques for constructing page layouts, among others. Also, you will get guidelines on how to use CSS in email newsletters and how to code email designs with improved readability and usability for the Web, mobile and email desktop. TABLE OF CONTENTS - CSS3 vs. CSS: A Speed Benchmark - Why We Should Start Using CSS3 And HTML5 Today - Connecting The Dots With CSS3 - An Introduction To CSS3 Keyframe Animations - The New Hotness: Using CSS3 Visual Effects - Adventures In The Third Dimension: CSS 3D Transforms - How To Use CSS3 Pseudo Classes - CSS3 Flexible Box Layout Explained - The Guide To CSS Animation: Principles And Examples - Beercamp: An Experiment With CSS 3D - Using CSS3: Older Browsers And Common Considerations

The Truth About HTML5 is for web designers, web developers, and front-end coders who want to get up to speed with HTML5. The book isn't afraid to point out what everyone gets wrong about HTML5's new markup, so you don't make the same mistakes. It will show you what rocks in HTML5 today and what the future holds. Marking up a basic web page shouldn't be a quasi-religious exercise where the high priests of HTML5 must be consulted for their interpretation of the holy texts (the HTML5 spec). Don't waste hours trawling through confusing, poorly researched, and often flat-out wrong information on the Internet. Get the truth on HTML5's markup here. You'll also find out about HTML5's new microdata standard that's being used on major websites, such as eBay and IMDB, right now, and get the low-down on the Canvas object and what it can and can't do for you. The book also covers how HTML5 affects CMSs and web apps, what HTML5 means for mobile, and what the future holds. HTML5 isn't one big blob of technology that will be "finished" at some point in the future. It's a grab bag of cool stuff, much of which has been around for years. Learn what's well supported and ready to go today. Now that the initial wave of hype is over, it's time to learn the truth about HTML5. What you'll learn How to write elegant and up-to-date HTML5 markup How to use microdata - the future of the semantic web What the Canvas object can and can't do, and how to use it correctly How to use new features such as enhanced forms and video and audio Which HTML5 features are production ready, and what the future holds Who this book is for The Truth About HTML5 is for web developers and designers who want to start using HTML5 properly in their web projects. Now that the dust has settled on HTML5, it's a good time for beginners to jump aboard, and for experienced developers to take stock of what's out there. Table of Contents A Somewhat Sensationalized History of HTML5 What HTML5 Means for a Modern Web Page The Pain and Pleasure of Page Structure Elementary, My Dear WHATWG? The Truth Behind the New Structural Tags Semantics, Micro-Semantics, and Schema.org HTML5 Boosted My Page Rank, and other SEO Myths The New Nonstructural HTML5 Tags and When You Should Use Them HTML5 Forms: Beauty and the Beast Canvas, Gaming, and Flash Hear No , See No SVG: It Lives! Web Apps, Mobile, and What Comes Next Performance Based Design: The Future

Beginning HTML5 and CSS3 is your introduction to the new features and elements of HTML5—as a web developer you'll learn about all the leaner, cleaner, and more efficient code available now with HTML5, along with some new tools that will allow you to create more meaningful and richer content. For everyone involved in web design, this book also introduces the new structural integrity and styling flexibility of CSS 3—which means better-looking pages and smarter content in your website projects. For all forward-looking web professionals who want to start enjoying and deploying the new HTML5 and CSS3 features right away, this book provides you with an in-depth look at the new capabilities—including audio and video—that are new to web standards. You'll learn about the new HTML5 structural sections, plus HTML5 and CSS3 layouts. You'll also discover why some people think HTML5 is going to be a Flash killer, when you see how to create transitions and animations with these new technologies. So get ahead in your web development through the practical, step-by-step approaches offered to you in Beginning HTML5 and CSS3.

Kolejna książka z tej serii poświęcona jest w całości aplikacjom mobilnym. W trakcie lektury poznasz podstawy HTML5, CSS3 i JavaScriptu oraz zaznajomisz się z możliwościami, jakie dają one deweloperom. Z kolejnych rozdziałów dowiesz się, jak skonfigurować platformę rozwojową i produkcyjną, jak stworzyć prototyp oraz jaką bazę danych warto wykorzystać. Ponadto nauczysz się w praktyce stosować mechanizmy geolokalizacji czy integracji z serwisami społecznościowymi oraz kontrolować wydajność Twojej aplikacji. Na sam koniec przekonasz się, że przygotowanie aplikacji do premiery wcale nie jest takie trudne. Nie martw się, z tą książką odniesiesz sukces!

Responsive Design

Engineering Secure Software and Systems

Designing For Email

Android Hacker's Handbook

Pushing the Limits

With Web design, we can do much more than inform the audience. The power of storytelling and content strategy is in creating engaging, emotional connections that transcend their platforms. In this book, we will review emerging navigation design patterns and understand how to employ a content strategy, which is an important process, often underestimated and dependent on many factors. A case study of Smashing Magazines responsive redesign beautifully illustrates what this approach could look like in practice. TABLE OF CONTENTS 1) The Missing Element of Redesign: Story by Denise Jacobs 2) Rethinking Navigation: Techniques and Design Patterns by Christian Holst 3) Rework Your Content So It Works for You by Colleen Jones 4) Responsive Smashing Redesign, a Case Study by Vitaly Friedman

This book presents the techniques and tools to design for mobile devices. It is not easy to understand how the mobile market looks and works in general. There are many questions: How to pick the right mobile strategy and select the right approach for a website? What design patterns and what UX techniques can assist in designing quicker and better for mobile devices? What design patterns help when building responsive websites and to optimize the performance for mobile? How should the design process be different from traditional design workflow? This book attempts to answer these questions with the valuable insights of mobile design experts. --

This book is an exploration of popular advanced JavaScript concepts for those who already have a grasp on the basics. "Understanding Advanced JavaScript" is a comprehensive manual and how-to guide about all things JavaScript. Learn to design better APIs, use the latest tools and navigate the JavaScript MVC Jungle effortlessly. In this eBook, you will receive expert tips and techniques on

avoiding coding tripwires and improving your programming methodologies. Need to know how your JavaScript performs? Find out about unit testing and user- and network-related analyses. Master JavaScript with industry leaders who explain how to make fine-tuning, streamlining and testing your JavaScript code easy. TABLE OF CONTENTS - Analysing Network Characteristics Using JavaScript And The DOM, Part 1 - Introduction To JavaScript Unit Testing - Journey Through The JavaScript MVC Jungle - JavaScript Events And Responding To The User - JavaScript Profiling With The Chrome Developer Tools - Writing Fast, Memory-Efficient JavaScript - Designing Better JavaScript APIs

Is there anything more insightful than learning about the workflows from fellow designers and developers, and what techniques they use? What made their projects a stunning success, and how do they overcome missteps? With this eBook, we'll take a closer look at the techniques and stories of some folks behind real-life Web projects. Among others, you will discover how renowned projects such as the Financial Times Web app or the Nike Better World website were built, and learn from the success story of a translation app that made it into Apple's top ten charts. You'll also get an insight into Google's User Experience Lab, and (illustrated by the example of Pinterest) explore the importance of paint performance. Furthermore, our Smashing authors share valuable lessons learned in the course of their careers — from both successes and failures. This eBook is full of handy tips, ideas, and personal experiences that are beneficial to any Web professional. TABLE OF CONTENTS - Building The New Financial Times Web App - Bringing Angry Birds To Facebook - Behind The Scenes Of Nike Better World - Behind The Scenes Of Tourism New Zealand - Tale Of A Top-10 App, Part 1: Idea And Design - Tale Of A Top-10 App, Part 2: Marketing And Launch - Gone In 60 Frames Per Second: A Pinterest Paint Performance Case Study - Inside Google's User Experience Lab: An Interview With Google's Marcin Wichary - Mistakes I've Made (And Lessons Learned Along The Way)

Smashing Book #31/3

Second International Symposium, ESSoS 2010, Pisa, Italy, February 3-4, 2010, Proceedings

CSS Animations and Transitions for the Modern Web

Behind the Scenes of Real-Life Projects

Redesign the Web

Modern websites use a variety of animated effects not only to improve usability but also to delight and surprise users. Some of these effects require complex scripting or programming skills, but many are within the grasp of designers who are already familiar with CSS and HTML. CSS Animations and Transitions for the Modern Web shows designers how to add movement to web pages over time using CSS3 style definitions. Author Steven Bradley begins as simply as possible and uses elementary skills as the basis for more advanced techniques. Conceptual explanation is combined with specific examples to give designers a solid foundation in the art of creating dynamic and appealing websites. Steven's examples are posted at peachpit.com so readers can see the animations in action and download the code files for further study. Instructions for access are in the "Getting Started" section. With CSS Animations and Transitions for the Modern Web, you'll learn how to make your websites more vibrant and compelling with user interfaces that are functional, reliable, and usable, as well as beautiful. Up-to-date information on current browser support for CSS animations and transitions An introduction to manipulating web page objects in both 2D and 3D space Techniques for creating smooth transitions between object states An overview of Disney's principles for creating realistic animation and how they apply to web page designs

This book constitutes the refereed proceedings of the Second International Symposium on Engineering Secure Software and Systems, ESSoS 2010, held in Pisa, Italy, in February 2010. The 9 revised full papers presented together with 8 ideas papers were carefully reviewed and selected from 58 submissions. The papers are organized in topical sections on attack analysis and prevention, policy verification and enforcement, and secure system and software development.

CSS3 is behind most of the eye-catching visuals on the Web today, but the official documentation can be dry and hard to follow and browser implementations are scattershot at best. The Book of CSS3 distills the dense technical language of the CSS3 specification into plain English and shows you what CSS3 can do right now, in all major browsers. With real-world examples and a focus on the principles of good design, it extends your CSS skills, helping you transform ordinary markup into stunning, richly-styled web pages. You'll master the latest cutting-edge CSS3 features and learn how to: -Stylize text with fully customizable outlines, drop shadows, and other effects -Create, position, and resize background images on the fly - Spice up static web pages with event-driven transitions and animations -Apply 2D and 3D transformations to text and images -Use linear and radial gradients to create smooth color transitions -Tailor a website's appearance to smartphones and other devices A companion website includes up-to-date browser compatibility charts and live CSS3 examples for you to explore. The Web can be an ugly place—add a little style to it with The Book of CSS3.

CSS3 is the technology behind most of the eye-catching visuals on the Web. But the docs can be dry, murky, and full of dastardly caveats for inconsistent browser implementations. This completely updated second edition of the best-selling Book of CSS3 distills the dense technical language of the CSS3 specification into plain English and shows you what CSS3 can do now, in all major browsers. You'll find fully revised coverage of the updated syntax of gradients, grids, and flexible box layout, as well as all-new chapters on values and sizing, and graphical effects like filter effects and blend modes. With an abundance of real-world examples and a focus on the principles of good design, The Book of CSS3 will help you expand your CSS skills, as you learn how to: -Style text with custom font choices, drop shadows, and other effects -Create, position, and resize background images on the fly -Spice up static web pages with event-driven transitions and animations -Apply 2D and 3D transformations to text and images -Use linear and radial gradients to create smooth color transitions -Take control of layout with grids, columns, and flexible alignment -Tailor a website's appearance to every type of web-capable device The companion website includes up-to-date browser compatibility charts, links to tutorials and resources, and live CSS3 examples. The Web can be an ugly place. Make it pretty with The Book of CSS3.

Smashing WebKit

Breaking Out of the Web Browser with Adobe AIR

Practical Mobile Forensics

The Book of CSS3

This eBook, Responsive Design, gives an overview about responsive Web design, showing many situations and techniques in which this approach can be applied to. Smartphones, tablets, laptops and desktop computers may share the same design, which is adapted according to screen size, platform and orientation of each device. Flexible grids and layouts, images, text and an intelligent use of CSS media queries are included.

"Taming CSS Complexity" is a collection of 11 CSS-packed chapters that are all about performance- and developer-friendly coding. In order to achieve a well-rounded coding experience, the Smashing Magazine authors have explored the complexity of CSS from different perspectives, balancing rather specific hands-on tips and more general coding best practices. Among other hot topics, this eBook covers how to design layouts with Flexbox, Atomic Design with Sass, and takes a look at the most common CSS issues. Experimental techniques such as the "Clown Car Technique" provide innovative approaches to new challenges, and an insight into the BEM methodology helps to improve the overall quality of front-end code. To simplify your daily coding routine, valuable tricks on how to structure and style your code have also been included in this eBook. TABLE OF CONTENTS - Semantic CSS With Intelligent Selectors - Absolute Horizontal And Vertical Centering In CSS - How To Benefit From CSS Generated Content - The Problem Of CSS Form Elements - Clown Car Technique: Solving Adaptive Images In Responsive Web Design - The "Other" Interface: Atomic Design With Sass - Simple Responsive Images With CSS Background Images - Designing CSS Layouts With Flexbox Is As Easy As Pie - The Evolution Of The BEM Methodology - Using White Space For Readability In HTML And CSS - Why Coding Style Matters

As more and more vulnerabilities are found in the Mac OS X (Leopard) operating system, security researchers are realizing the importance of developing proof-of-concept exploits for those vulnerabilities. This unique tome is the first book to uncover the flaws in the Mac OS X operating system—and how to deal with them. Written by two white hat hackers, this book is aimed at making vital information known so that you can find ways to secure your Mac OS X systems, and examines the sorts of attacks that are prevented by Leopard's security defenses, what attacks aren't, and how to best handle those weaknesses.

Present across millions of websites and growing in popularity, JavaScript is an essential and practical for all programmers, designers and coding aficionados.

"Practical JavaScript Techniques" offers expert instruction, tips and methodologies relevant for all levels of knowledge. Learn interactive CSS and jQuery techniques, how to take advantage of JavaScript's versatile capabilities and even how to build JavaScript-based gaming experiences. Whether you're perfecting Web design or building jQuery plugins, this vital resource is a must-have. TABLE OF CONTENTS - Develop A One-Of-A-Kind CSS/JS-Based Game Portfolio - Five Useful Interactive CSS/jQuery Techniques Deconstructed - Create An Animated Bar Graph With HTML, CSS And jQuery - A Beginner's Guide To jQuery-Based JSON API Clients - How To Build A Real-Time Commenting System - The Developer's Guide To Conflict-Free JavaScript And CSS In WordPress - Optimizing Long Lists Of Yes/No Values With JavaScript - Building A Relationship Between CSS & JavaScript

Mastering jQuery

Professional Techniques for Modern Layout

Responsive Web Design: Getting The New Baseline In Web Design Right

Multi-Device Web Development with HTML5, CSS3, and JavaScript

The Mobile Book

With the limitations that the `img` tag brings along, images have long been a major obstacle when wanting to create truly responsible, fast, responsive websites. Luckily, the upcoming `picture` element and `srcset/sizes` are about to finally change this. However, even in the meantime, while browser vendors are still busy implementing the new specification, you can already start to incorporate truly responsive images into your website. There are a number of smart solutions to close up the existing gaps: polyfills, fallbacks for legacy browsers, and clever approaches that were created on the fly due to missing alternatives. To help you review and understand different methods, we've compiled a selection of the different techniques in this eBook. It features practical advice on every implementation, as well as tips on tackling the art direction and resolution-switching use cases that a growing device landscape has brought along. As you will notice, there is no reason to wait anymore; you can already cater for responsive images today! TABLE OF CONTENTS: - Picturefill 2.0: Responsive Images And The Perfect Polyfill - Responsive Images Done Right: A Guide To `srcset` - Automate Your Responsive Images With `Mobify.js` - One Solution To Responsive Images - Addressing The Responsive Images Performance Problem: A Case Study - Clown Car Technique: Solving Adaptive Images In Responsive Web Design - Simple Responsive Images With CSS Background Images - Responsive Images With WordPress' Featured Images - Responsive Image Container: A Way Forward For Responsive Images? - Rethinking Responsive SVG

HTML email has the reputation of being a particularly tough design medium. Buggy email clients stripping out your CSS or the spammy image that one-to-many emails not seldomly partake of, i.e. building compelling emails is quite a challenge for designers. With opening rates on mobile growing tremendously, things don't get any easier either. If you haven't ventured on the task yet or want to improve your existing email design skills, then this eBook offers the practical advice you need, whether you want to share your stories in a newsletter or aim at committing to email to market your product. After taking a look at the current state of HTML email design, you'll get to grips with optimizing email for mobile, and learn to build your own modular email construction kit that you can draw on to cater for best results on desktop, web and mobile clients. We'll also explore handy tips to raise your email above inbox noise – with a friendly tone and engaging content (no dirty tricks here!) – and consider missteps that you should better avoid. Building HTML emails certainly does require some fiddling around, but it's definitely worth it. So, are you ready to take on the challenge? TABLE OF CONTENTS: • What 22 Billion Email

Newsletters Tell Us About Designing For Email • From Monitor To Mobile: Optimizing Email Newsletters With CSS • Improve Your Email Workflow With Modular Design • Size Matters: Balancing Line Length And Font Size In Responsive Web Design • How To Raise Your Email Above Inbox Noise • Designing The Words: Why Copy Is A Design Issue • How To Use Email To Alienate Your Users • Email Marketing For Mobile App Creators • How To Create A Self-Paced Email Course

The Faculty of Organizational Sciences, University of Belgrade traditionally, in cooperation with other higher education and scientific institutions and associations, organizes a SYM-OP-IS symposium to advance the theory and practice of operational research, business analytics and related disciplines. This year, the 46th Symposium on Operations Research - SYM-OP-IS is being organized as an international scientific conference. The symposium brings together domestic and international academic and scientific public, OR practitioners, public and non-governmental sector, as well as students who participate in discussing and analyzing relevant issues in the field of contemporary operational research. The aim of the Symposium is to provide a unique forum for discussion of current issues and exchange of the latest information, ideas and innovative solutions in the field of operational research in the context of improving business achievements and results. Authors have the opportunity to publish scientific and professional results as research papers or case studies. This year's conference program is organized through thematic sessions and consists of 132 papers by authors from 10 countries. In addition to thematic sections, plenary lectures of eminent scientists in the field of business intelligence data science, efficiency measurement and behavioral operational research will be held as well as a forum on "International Projects in Science and Education". Scientific Committee Chair Milan Martić

Fakultet

organizacionih nauka Univerziteta u Beogradu tradicionalno u saradnji sa drugim visokoškolskim i naučnoistraživačkim organizacijama, kao i naučnim udruženjima, organizuje simpozijum SYM-OP-IS sa ciljem unapređenja teorije i prakse operacionih istraživanja, poslovne analitike i srodnih disciplina. Ove godine se organizuje 46. simpozijum operacionih istraživanja - SYM-OP-IS kao međunarodni naučni skup. Simpozijum okuplja domaću i međunarodnu akademsku i naučnu javnost, predstavnike korporativnog, javnog i nevladinog sektora, kao i studente osnovnih, masterskih i doktorskih studija koji kroz predstavljanje svojih dosadašnjih rezultata, saznanja i iskustava učestvuju u razmatranju i analizi relevantnih pitanja iz oblasti savremenih operacionih istraživanja. Cilj Simpozijuma je da obezbedi jedinstven forum za diskusiju o aktuelnim pitanjima i razmenu najnovijih informacija, ideja i inovativnih rešenja u oblasti operacionih istraživanja menadžmenta u kontekstu unapređenja poslovnih dostignuća i rezultata. Autori imaju mogućnost da naučne i stručne rezultate publikuju kao istraživačke radove ili studije slučaja. Ovogodišnji program konferencije je organizovan kroz tematske sesije i sastoji se iz 132 rada autora iz 10 zemalja. Uz tematske sekcije, biće održana i plenarna predavanja eminentnih naučnika iz oblasti nauke o podacima poslovne analitike, merenja efikasnosti i bihevijoralnih operacionih istraživanja kao i forum na temu "Međunarodni projekti u nauci i prosveti". Predsednik Programskog odbora Milan Martić

Today's web technologies are evolving at near-light speed, bringing the promise of a seamless Internet ever closer to reality. When users can browse the Web on a three-inch phone screen as easily as on a fifty-inch HDTV, what's a developer to do? Peter Gasston's The Modern Web will guide you through the latest and most important tools of device-agnostic web development, including HTML5, CSS3, and JavaScript. His plain-English explanations and practical examples emphasize the techniques, principles, and practices that you'll need to easily transcend individual browser quirks and stay relevant as these technologies are updated. Learn how to: -Plan your content so that it displays fluidly across multiple devices -Design websites to interact with devices using the most up-to-date APIs, including Geolocation, Orientation, and Web Storage -Incorporate cross-platform audio and video without using troublesome plug-ins -Make images and graphics scalable on high-resolution devices with SVG -Use powerful HTML5 elements to design better forms Turn outdated websites into flexible, user-friendly ones that take full advantage of the unique capabilities of any device or browser. With the help of The Modern Web, you'll be ready to navigate the front lines of device-independent development.

The Web In Motion

Mastering CSS3

Smashing Book #3

Practical Considerations For Designing With Animation

Customizing WordPress

PROFESSIONAL TECHNIQUES FOR MODERN LAYOUT Smashing CSS takes you well beyond the basics, covering not only the finer points of layout and effects, but introduces you to the future with HTML5 and CSS3. Very few in the industry can show you the ins and outs of CSS like Eric Meyer and inside Smashing CSS Eric provides techniques that are thorough, utterly useful, and universally applicable in the real world. From choosing the right tools, to CSS effects and CSS3 techniques with jQuery, Smashing CSS is the

practical guide to building modern web layouts. With Smashing CSS you will learn how to: Throw elements offscreen/hide them Create body/HTML backgrounds in XHTML Use more than 15 layout techniques including clearfix, two/three simple columns, faux columns, One True Layout, Holy Grail, em-based layout, fluid grids, sticky footers, and more Use a variety of CSS effects including CSS popups, boxpunching, rounded corners, CSS sprites, Sliding Doors, Liquid Bleach, ragged floats, and more Apply CSS table styling including using thead, tfoot, and tbody, row headers, column-oriented styling (classes); styling data tables with jQuery, tables to graphs, tables to maps; and more Use CSS3 elements including rounded corners, multiple backgrounds, RGBA, using jQuery to do CSS3 selections and so much more. Eric Meyer is an internationally recognized expert on the subjects of HTML, CSS, and Web standards, and has been working on the Web since 1993. Smashing CSS is for developers who already have some experience with CSS and JavaScript and are ready for more advanced techniques. Smashing Magazine (smashingmagazine.com) is one of the world's most popular web design sites. True to the Smashing mission, the Smashing Magazine book series delivers useful and innovative information to Web designers and developers.

Animation is not about mere decoration, but (when used sparingly) can turn out to be a catalyst for making the interaction with a website more intuitive and memorable. So, what is the current state of animation on the web? Where is it heading? And how can you tackle the possibilities and challenges it brings along? After the golden times of Flash were over, animations led a rather shadowy existence on the web for quite some time. They were considered as unnecessary gimmicks and superfluous add-ons, but things were about to change. With apps already benefiting from their responsive interfaces, the importance of both animation and motion design, as well as their ability to make the user experience more delightful, was growing evermore. The questions tackled and discussed in this eBook are bound to help you grasp what meaningful motion design is all about and how you can implement it into your own projects. TABLE OF CONTENTS: - The State Of Animation 2014 - A Quick Look Into The Math Of Animations With JavaScript - Animating Without jQuery - Faster UI Animations With Velocity.js - Using Motion For User Experience On Apps And Websites - Understanding CSS Timing Functions - Styling And Animating SVGs With CSS

The ultimate guide to WebKit from the world's most popular resource for web designers and developers As the default browser for both iPhone and Android, WebKit has become a major player in the mobile arena, offering a wider array of HTML5 and CSS3 support than any other major engine. Written by expert author Jon Raasch, this essential book teaches you how to use WebKit to make web sites more engaging, faster, and more visually appealing. You'll explore the variety of unique interface options that WebKit offers as you quickly discover how to create a unique web experience that provides functionality and entertainment. Packed with best practices, real-world examples, and invaluable advice, this must-have guide explores WebKit's capabilities, recommended techniques, and tips for improving an existing web site. Plus, whenever possible, cross-browser support is discussed for WebKit solutions as well as a wide variety of advanced presentation and interactivity options. Gets you started with WebKit and shows you how to maximize HTML5 and CSS3 features in WebKit Addresses ways to optimize your web site for mobile devices and enhance the mobile user experience Features numerous examples, tips, techniques, and advice for getting the most out of WebKit This book escorts you through a myriad of ways that WebKit can set your web site apart from the competition.

No matter what direction you take when you begin a Web based project, one thing is for sure: it has to begin with solid HTML. You are one step ahead if you apply the most up to date HTML techniques. This eBook HTML Essentials, will give you an overview on HTML, teach you how to decouple HTML from CSS, show the reasons why you should use HTML5, and many other tools for your next Web based project.

Understanding Advanced JavaScript

JavaScript and jQuery for Data Analysis and Visualization

Beginning HTML5 and CSS3

The Web Evolved

Smashing jQuery

Best practices for flexible design that meet common challenges The web is constantly changing and evolving with an increased range of devices, browsers, and standards that need to be considered in design. Web designers know they must stay sharp in order to keep up with the rapid pace of technology change. This much-needed book teaches the art of flexible and adaptable design that can work easily with new devices, technologies, and standards. You'll quickly discover how this resource stands out from the crowd as it provides you with a roadmap for ensuring that your designs are stable and flexible enough to handle whatever technology changes are coming in the future. Takes you on a journey of discovery as you learn how to prepare yourself for undefined changes in the dynamic environment of web design Shares straightforward tips for adopting a forward-thinking approach to the subject of web evolution Uncovers the essential skills you need in order to survive the future of the web Using the fundamental skills and processes laid out in this roadmap, you'll be able to boost your stability and flexibility while coding with confidence.

This book will lead you, step by step and with illustrative screenshots, through a real example. Are you writing two websites - one for mobile and one for larger displays? Or perhaps you've heard of Responsive Design but are unsure how to bring HTML5, CSS3, or responsive design all together. If so, this book provides everything you need to take your web pages to the next level - before all your competitors do! With the advent of responsive techniques, design patterns and off-the-shelf components, responsive Web design has become more than a

technique – but rather a new mindset that requires us all to rethink and extend our practices. Responsive design is also about performance, server-side components, content strategy and conditional loading. With this eBook, you will learn how to go from non-responsive layouts to optimized responsive mobile experiences. We're happy to present techniques to help you overcome outdated practices and set new defaults in your workflow – a new responsive design workflow. TABLE OF CONTENTS - How Much Has The Web Really Changed? - Looking Beyond Common Media Query Breakpoints - Logical Breakpoints For Your Responsive Design - Preparing Websites For The Unexpected - How To Maintain Hierarchy Through Content Choreography - Towards A Retina Web - Building A Better Responsive Website - How To Make Your Websites Faster On Mobile Devices

Smashing WebKit John Wiley & Sons

The Book of CSS3, 2nd Edition

The Smashing Book

The Mac Hacker's Handbook

Conference proceedings - XLVI International Symposium on Operational Research SYMOPIS 2019

The Truth About HTML5

Take your JavaScript knowledge as far as it can go JavaScript has grown up, and it's a hot topic. Newer and faster JavaScript VMs and frameworks built upon them have increased the popularity of JavaScript for server-side web applications, and rich JS applications are being developed for mobile devices. This book delivers a compelling tutorial, showing you how to build a real-world app from the ground up. Experienced developers who want to master the latest techniques and redefine their skills will find this deep dive into JavaScript's hidden functionalities gives them the tools to create truly amazing and complex applications. JavaScript has evolved into much more than simple client-side scripting; this book delves into advanced topics not generally found in other more intermediate JS development books Expert author delivers an in-depth tutorial showing how to build a real-world app that is loosely coupled, with each component built to exist separately Explores how to build a backbone app, the importance of JavaScript templates, Node.js and MongoDB, 3D Canvas using WebGL /Three.js, how to convert a desktop app into a dedicated mobile app, and much more Ideal for experienced developers with a deep knowledge of JavaScript as well as online developers with strong graphic design skills who are experienced in HTML/CSS and want to develop their front-end skills JavaScript Programming: Pushing the Limits will arm you with the skills to create killer apps for the 21st Century.

jQuery is well known for being a concise JavaScript library that helps simplify HTML document traversing, event handling, creating animations and Ajax interactions for rapid Web development. Choosing the right plugins, creating bookmarklets, setting patterns or manipulating images can be challenging even for experienced programmers. In order to help you avoid struggling with such decision issues, we have selected articles with the most exclusive, top notch advice on jQuery in our latest release: the Smashing eBook Mastering jQuery (eBook 14). This eBook contains just the orientation you need to optimize your forthcoming jQuery projects. TABLE OF CONTENTS - Commonly Confused Bits Of jQuery - Image Manipulation With jQuery And PHP GD - Make Your Own Bookmarklets With jQuery - jQuery Plugin Checklist: Should You Use That jQuery Plugin? - Essential jQuery Plugin Patterns

Unlike its predecessors, the new Smashing Books 3 and 3 and a half have the main theme: Redesign. The books are a professional guide on how to redesign websites, but they also introduce a whole new mindset for progressive Web design. They challenge you to think differently about your work and will change the way you design websites forever. A detailed look at the business and technical side of redesign is followed by a comprehensive overview of advanced HTML5, CSS3 and JavaScript techniques that you can use today. You will get useful advice on innovative UX techniques, learn about the peculiarities of mobile context in Web design and discover useful Photoshop techniques for the new Web. You will explore a practical hands on guide to a bulletproof workflow for responsive Web design. Finally, you will also dive deep into emotional design, content strategy and storytelling. TABLE OF CONTENTS - Preface - The Business Side of Redesign - Selecting a Platform: Technical Considerations for Your Redesign - Jumping Into HTML - Restyle, Recode, Reimagine With CSS3 - JavaScript Rediscovered: Tricks to Replace Complex jQuery - Techniques for Building Better User Experiences - Designing for the Future, Using Photoshop - Redesigning With Personality - Mobile Considerations in User Experience Design: Web or Native? - Workflow Redesign: A Future Friendly Approach - Becoming Fabulously Flexible: Designing Atoms and Elements This Book was written by Elliot Jay Stocks, Paul Boag, Rachel Andrew, Ben Schwarz, David Storey, Lea Verou, Christian Heilmann, Dmitry Fadeyev, Marc Edwards, Aarron Walter, Aral Balkan, Stephen Hay, Andy Clarke and The Smashing Editorial Team.

These eBooks are the long-awaited digital version of our bestselling printed book about best practices in modern Web design. They share valuable practical insight into design, usability and coding, provide professional advice for designing mobile applications and building successful e-commerce websites, and explain common coding mistakes and how to avoid them. You'll explore the principles of professional design thinking and graphic design and learn how to apply psychology and game theory to create engaging user experiences.

Smashing Mobile Web Development

JavaScript Programming

Responsive Web Design with HTML5 and CSS3

Responsive Web Design: Solutions For Responsive Images

Future-Proof Web Design

Slow loading times break the user experience of any website – no matter how well crafted it might be. In fact, it only takes three seconds until users lose their interest in a site if they don't get a response immediately. If another site happens to be 250ms faster than yours, then users are more inclined to switch to a competitor's website in no time. Web fonts, heavy JavaScript, third-party widgets – all of them can sum up to become a real performance bottleneck. Nevertheless, tracking that down does not only improve loading times but also results in a much snappier experience and a higher user engagement. In this eBook, we've compiled an entire selection of front-end and server-side techniques that will help you tackle such bottlenecks. Find out how to speed up existing websites, build high-performance sites (for both mobile and desktop), and prepare them for heavy-load situations. Furthermore, you'll learn more about how performance improvements and a

97-99 Google PageSpeed score were achieved on Smashing Magazine, as well as how optimization strategies can enhance real-life projects by taking a closer look at Pinterest's paint performance case study. With the help of this eBook, you'll notice that it's high time to dig deeper into your own site and examine it closely. Why don't you polish it up and make it even better than it already is! TABLE OF CONTENTS: - Improving Smashing Magazine's Performance: A Case Study - How To Speed Up Your WordPress Website - You May Be Losing Users If Responsive Web Design Is Your Only Mobile Strategy - How To Make Your Websites Faster On Mobile Devices - Creating High-Performance Mobile Websites - Don't Get Crushed By The Load: Optimization Techniques And Strategies - Speed Up Your Mobile Website With Varnish - Cache Invalidation Strategies With Varnish Cache - Gone In 60 Frames Per Second: A Pinterest Paint Performance Case Study

The first comprehensive guide to discovering and preventing attacks on the Android OS As the Android operating system continues to increase its share of the smartphone market, smartphone hacking remains a growing threat. Written by experts who rank among the world's foremost Android security researchers, this book presents vulnerability discovery, analysis, and exploitation tools for the good guys. Following a detailed explanation of how the Android OS works and its overall security architecture, the authors examine how vulnerabilities can be discovered and exploits developed for various system components, preparing you to defend against them. If you are a mobile device administrator, security researcher, Android app developer, or consultant responsible for evaluating Android security, you will find this guide is essential to your toolbox. A crack team of leading Android security researchers explain Android security risks, security design and architecture, rooting, fuzz testing, and vulnerability analysis Covers Android application building blocks and security as well as debugging and auditing Android apps Prepares mobile device administrators, security researchers, Android app developers, and security consultants to defend Android systems against attack Android Hacker's Handbook is the first comprehensive resource for IT professionals charged with smartphone security.

The book is an easy-to-follow guide with clear instructions on various mobile forensic techniques. The chapters and the topics within are structured for a smooth learning curve, which will swiftly empower you to master mobile forensics. If you are a budding forensic analyst, consultant, engineer, or a forensic professional wanting to expand your skillset, this is the book for you. The book will also be beneficial to those with an interest in mobile forensics or wanting to find data lost on mobile devices. It will be helpful to be familiar with forensics in general but no prior experience is required to follow this book.

For a lot of people, WordPress is the entry into web development. And a lot of them don't stop there. They want more control over their WordPress site, so customizing design and functionality is the next logical step. If WordPress got you hooked, and you want to get more out of it to tailor your site more to your needs and ideas, then this eBook is for you. To start out, you will learn to build custom page templates and extend WordPress' flexibility with custom post types. Later, our expert authors will provide insights into customizing tree-like data structures to make them fit your particular needs, as well as tips to replace the regular custom field interface with something more powerful and user-friendly. You'll also learn to build an advanced notification system to reach your users, and, last, but not least, we'll dive deep into building, maintaining, and deploying WordPress plugins. WordPress' flexible structure is predestined for customization. So make use of this grand potential to build your projects the way you imagine them to be. TABLE OF CONTENTS - A Detailed Guide To WordPress Custom Page Templates, written by Nick Schäferhoff - Extending WordPress With Custom Content Types, written by Brian Onorio - Building A Custom Archive Page For WordPress, written by Karol K - Customizing Tree-Like Data Structures In WordPress With The Walker Class, written by Carlo Daniele - Extending Advanced Custom Fields With Your Own Controls, written by Daniel Pataki - Building An Advanced Notification System For WordPress, written by Carlo Daniele - How To Use Autoloading And A Plugin Container In WordPress Plugins, written by Nico Amarilla - How To Deploy WordPress Plugins With GitHub Using Transients, written by Matthew Ray

Smashing CSS

Taming CSS Complexity

Redesign the Web, The Extension

Mobile Web Development. Smashing Magazine

Performance Optimization: Techniques And Strategies

With the introduction of Adobe AIR, Flex developers have more capability than ever before. Now you can build dynamic applications that combine the rich experience of a traditional desktop application with the power of the Internet. Leveraging your existing knowledge of Adobe Flex and Flash, Breaking out of the Web Browser with Adobe AIR will help you build well-architected desktop applications. Flex and Flash experts Jeff Tapper and Michael Labriola will teach you techniques to create truly custom interfaces by leading you through exercises with a real world time-tracking application. The book's abundance of examples will help you become adept at interacting with the end user's underlying operating system and teach you the most important concepts for using AIR.

Go beyond design concepts—build dynamic data visualizations using JavaScript and jQuery for Data Analysis and Visualization goes beyond design concepts to show readers how to build dynamic, best-of-breed visualizations using JavaScript—the most popular language for web programming. The authors show data analysts, developers, and web designers how they can put the power and flexibility of modern JavaScript libraries to work to analyze data and then present it using best-of-breed visualizations. They also demonstrate the use of each technique with real-world use cases, showing how to apply the appropriate JavaScript and jQuery libraries to achieve the desired visualization. All of the key techniques and tools are explained in this full-color, step-by-step guide. The companion website includes all sample codes used to generate the visualizations in the book, datasets, and links to the libraries and other resources covered. Go beyond basic design concepts and get a firm grasp of visualization approaches and techniques using JavaScript and jQuery. Discover detailed, step-by-step directions for building specific types of data visualizations in this full-color guide. Learn more about the core JavaScript and jQuery libraries that enable analysis and visualization. Find compelling stories in complex data, and create amazing visualizations cost-effectively. Let JavaScript and jQuery for Data Analysis and Visualization be the resource that guides you through the myriad strategies and solutions for combining analysis and visualization with stunning results.

"As the default browser for both iPhone and Android, WebKit has become a major player in the mobile arena, offering a wider array of HTML5 and CSS3 support than any other major engine. Written by expert author Jon Raasch, this essential book teaches you how to use WebKit to make web sites more engaging, faster, and more visually appealing. You'll explore the variety of unique interface options that WebKit offers as you quickly discover how to create a unique web experience that provides functionality and entertainment." --Publisher description.

A Developer's Guide to the Future of Web Design

HTML Essentials

Practical JavaScript Techniques

The Modern Web