

## Designing For Interaction By Dan Saffer

Esta enciclopedia presenta numerosas experiencias y discernimientos de profesionales de todo el mundo sobre discusiones y perspectivas de la la interacción hombre-computadoras

Celebrate Star Trek: The Original Series and the show's distinctive Midcentury modern design that would change design— and television—forever. Star Trek: The Original Series (1966-1969) was the first installment of one of the most successful and longest-running television franchises of all time. Today, Trek fans champion its writing, progressive social consciousness, and aesthetic. Designing the Final Frontier is a unique, expert look at the mid-century modern design that created and inspired that aesthetic. From Burke chairs to amorphous sculptures, from bright colors to futuristic frames, Star Trek TOS is bursting with mid-century modern furniture, art, and design elements—many of them bought directly from famous design showrooms. Together, midcentury modern design experts Dan Chavkin and Brian McGuire have created an insider's guide to the interior of original starship Enterprise and beyond, that is sure to attract Star Trek's thriving global fan base.

Why attractive things work better and other crucial insights into human-centered design Emotions are inseparable from how we humans think, choose, and act. In Emotional Design, cognitive scientist Don Norman shows how the principles of human psychology apply to the invention and design of new technologies and products. In The Design of Everyday Things, Norman made the definitive case for human-centered design, showing that good design demanded that the user's must take precedence over a designer's aesthetic if anything, from light switches to airplanes, was going to work as the user needed. In this book, he takes his thinking several steps farther, showing that successful design must incorporate not just what users need, but must address our minds by attending to our visceral reactions, to our behavioral choices, and to the stories we want the things in our lives to tell others about ourselves. Good human-centered design isn't just about making effective tools that are straightforward to use; it's about making affective tools that mesh well with our emotions and help us express our identities and support our social lives. From roller coasters to robots, sports cars to smart phones, attractive things work better. Whether designer or consumer, user or inventor, this book is the definitive guide to making Norman's insights work for you.

An understanding of psychology—specifically the psychology behind how users behave and interact with digital interfaces—is perhaps the single most valuable nondesign skill a designer can have. The most elegant design can fail if it forces users to conform to the design rather than working within the "blueprint" of how humans perceive and process the world around them. This practical guide explains how you can apply key principles in psychology to build products and experiences that are more intuitive and human-centered. Author Jon Yablonski deconstructs familiar apps and experiences to provide clear examples of how UX designers can build experiences that adapt to how users perceive and process digital interfaces. You'll learn: How aesthetically pleasing design creates positive responses The principles from psychology most useful for designers How these psychology principles relate to UX heuristics Predictive models including Fitts's law, Jakob's law, and Hick's law Ethical implications of using psychology in design A framework for applying these principles

It's well known that identifying and fixing problems in design is easier and cheaper if it can be done earlier in the process of design and build. That's because as the fidelity of the project we're working on increases, the effort involved in making changes increases. If we can test out early ideas to see if they work, in small chunks, then we can identify whether those ideas are going to work. To do this, we need to build prototypes. With easy-to-follow, practical advice, this book will show you how to use a number of different prototyping techniques to improve UX. It covers: The prototyping process Paper prototyping Interactive wireframing tools, such as Balsamiq and Axure Dedicated prototyping tools, including Marvel, Invision, and Adobe XD HTML prototypes How to use prototypes in your project workflow

Forms make or break the most crucial online interactions: checkout (commerce), registration (community), data input (participation and sharing), and any task requiring information entry. In Web Form Design, Luke Wroblewski draws on original research, his considerable experience at Yahoo! and eBay, and the perspectives of many of the field's leading designers to show you everything you need to know about designing effective and engaging Web forms.

The essential interaction design guide, fully revised and updated for the mobile age About Face: The Essentials of Interaction Design, Fourth Edition is the latest update to the book that shaped and evolved the landscape of interaction design. This comprehensive guide takes the worldwide shift to smartphones and tablets into account. New information includes discussions on mobile apps, touch interfaces, screen size considerations, and more. The new full-color interior and unique layout better illustrate modern design concepts. The interaction design profession is blooming with the success of design-intensive companies, priming customers to expect "design" as a critical ingredient of marketplace success. Consumers have little tolerance for websites, apps, and devices that don't live up to their expectations, and the responding shift in business philosophy has become widespread. About Face is the book that brought interaction design out of the research labs and into the everyday lexicon, and the updated Fourth Edition continues to lead the way with ideas and methods relevant to today's design practitioners and developers. Updated information includes: Contemporary interface, interaction, and product design methods Design for mobile platforms and consumer electronics State-of-the-art interface recommendations and up-to-date examples Updated Goal-Directed Design methodology Designers and developers looking to remain relevant through the current shift in consumer technology habits will find About Face to be a comprehensive, essential resource.

This completely updated volume presents the effective and practical tools you need to design great desktop applications, Web 2.0 sites, and mobile devices. You'll learn the principles of good product behavior and gain an understanding of Cooper's Goal-Directed Design method, which involves everything from conducting user research to defining your product using personas and scenarios. Ultimately, you'll acquire the knowledge to design the best possible digital products and services.

With hundreds of thousands of mobile applications available today, your app has to capture users immediately. This book provides practical techniques to help you catch—and keep—their attention. You'll learn core principles for designing effective user interfaces, along with a set of common patterns for interaction design on all types of mobile devices. Mobile design specialists Steven Hooper and Eric Berkman have collected and researched 76 best practices for everything from composing pages and displaying information to the use of screens, lights, and sensors. Each pattern includes a discussion of the design problem and solution, along with variations, interaction and presentation details, and antipatterns. Compose pages so that information is easy to locate and manipulate Provide labels and visual cues appropriate for your app's users Use information control widgets to help users quickly access details Take advantage of gestures and other sensors Apply specialized methods to prevent errors and the loss of user-entered data Enable users to easily make selections, enter text, and manipulate controls Use screens, lights, haptics, and sounds to communicate your message and increase user satisfaction "Designing Mobile Interfaces is another stellar addition to O'Reilly's essential interface books. Every mobile designer will want to have this thorough book on their shelf for reference." —Dan Saffer, Author of Designing Gestural Interfaces

\* Our summary is short, simple and pragmatic. It allows you to have the essential ideas of a big book in less than 30

minutes. As you read this summary, you will discover the process an interaction designer follows to create an intuitive product that meets user expectations. You will also discover that : design is not just about aesthetics; interaction design is a broad discipline that encompasses graphic design, industrial design, computer science and even humanities; a designer is also a researcher: he must study the users of his future product; a successful product has an easy-to-use design and a differentiating value. Interaction design is a recent discipline, developed during the last decades and still unknown to the general public. Yet it is ubiquitous and essential to your hyper-connected lifestyle. Every time you send an email, buy online or even withdraw money from an ATM, you interact with a machine, created by an interaction designer. The job of this professional is to provide you with a design that is so easy to use that you won't even feel like you're ordering a machine. How is this possible? With this summary, follow the step-by-step process of creating an interaction designer. \*Buy now the summary of this book for the modest price of a cup of coffee!

Designing for InteractionCreating Innovative Applications and DevicesNew Riders

Forty designers who have helped shaped human interaction with technology are introduced in a collection of stories that charts the history of entrepreneurial design development for technology.

How recent research in cognitive science offers new ways to understand the interaction of people and computers and develops a new literacy for well-informed, sensitive software design. The evolution of the concept of mind in cognitive science over the past 25 years creates new ways to think about the interaction of people and computers. New ideas about embodiment, metaphor as a fundamental cognitive process, and conceptual integration--a blending of older concepts that gives rise to new, emergent properties--have become increasingly important in software engineering (SE) and human-computer interaction (HCI). If once computing was based on algorithms, mathematical theories, and formal notations, now the use of stories, metaphors, and blends can contribute to well-informed, sensitive software design. In *Designing with Blends*, Manuel Imaz and David Benyon show how these new metaphors and concepts of mind allow us to discover new aspects of HCI-SE. After 60 years, digital technology has come of age, but software design has not kept pace with technological sophistication; people struggle to understand and use their computers, cameras, phones, and other devices. Imaz and Benyon argue that the dominance of digital media in our lives demands changes in HCI-SE based on advances in cognitive science. The idea of embodied cognition, they contend, can change the way we approach design by emphasizing the figurative nature of interaction. Imaz and Benyon offer both theoretical grounding and practical examples that illustrate the advantages of applying cognitive concepts to software design. A new view of cognition, they argue, will develop a cognitive literacy in software and interaction design that helps designers understand the opportunities of digital technology and provides people with a more satisfying interactive experience.

Many designers enjoy the interfaces seen in science fiction films and television shows. Freed from the rigorous constraints of designing for real users, sci-fi production designers develop blue-sky interfaces that are inspiring, humorous, and even instructive. By carefully studying these "outsider" user interfaces, designers can derive lessons that make their real-world designs more cutting edge and successful.

It takes conviction to title a user experience book that stands solidly on a cognitive science foundation as "Magic" but through the practice of the Semantic Interaction Design method this breakthrough book introduces you will appear to many as possessing superhero UX powers. The Semantic IxD method is laser focused on transforming product requirements into experiences guaranteed to result in the minimum cognitive load with the smallest number of screens and fewest flow steps possible. An additional benefit it provides is a 10X speed increase at which designers can achieve these magical results. It provides an antidote to the expensive and endless A/B trials resulting in suboptimal products propagated by the proponents of design Darwinism. It can also mitigate the excessive hours wasted in opinion and personality oriented UX debates during product development meetings. UX Magic builds upon an HCI conceptual model foundation leveraging human natural language understanding and extends it into the GUI layers of design pattern visualization, UX flow and applied game theory to create optimal user experiences that also align well with business objectives. In addition to guiding you to minimize cognitive load from the very start of sketching screens it will also lead to UX designs that scale well into the future as product functionality grows with each successive release.

Even the smartest among us can feel inept as we fail to figure out which light switch or oven burner to turn on, or whether to push, pull, or slide a door. The fault, argues this ingenious—even liberating—book, lies not in ourselves, but in product design that ignores the needs of users and the principles of cognitive psychology. The problems range from ambiguous and hidden controls to arbitrary relationships between controls and functions, coupled with a lack of feedback or other assistance and unreasonable demands on memorization. *The Design of Everyday Things* shows that good, usable design is possible. The rules are simple: make things visible, exploit natural relationships that couple function and control, and make intelligent use of constraints. The goal: guide the user effortlessly to the right action on the right control at the right time. In this entertaining and insightful analysis, cognitive scientist Don Norman hails excellence of design as the most important key to regaining the competitive edge in influencing consumer behavior. Now fully expanded and updated, with a new introduction by the author, *The Design of Everyday Things* is a powerful primer on how—and why—some products satisfy customers while others only frustrate them.

In *Sketching User Experiences: The Workbook*, you will learn, through step-by-step instructions and exercises, various sketching methods that will let you express your design ideas about user experiences across time. Collectively, these methods will be your sketching repertoire: a toolkit where you can choose the method most appropriate for developing your ideas, which will help you cultivate a culture of experience-based design and critique in your workplace. Features standalone modules detailing methods and exercises for practitioners who want to learn and develop their sketching skills Extremely practical, with illustrated examples detailing all steps on how to do a method Excellent for individual learning, for classrooms, and for a team that wants to develop a culture of design practice Perfect complement to Buxton's *Sketching User Experience* or any UX text

It's the little things that turn a good digital product into a great one. With this practical book, you'll learn how to design effective

microinteractions: the small details that exist inside and around features. How can users change a setting? How do they turn on mute, or know they have a new email message? Through vivid, real-world examples from today's devices and applications, author Dan Saffer walks you through a microinteraction's essential parts, then shows you how to use them in a mobile app, a web widget, and an appliance. You'll quickly discover how microinteractions can change a product from one that's tolerated into one that's treasured. Explore a microinteraction's structure: triggers, rules, feedback, modes, and loops Learn the types of triggers that initiate a microinteraction Create simple rules that define how your microinteraction can be used Help users understand the rules with feedback, using graphics, sounds, and vibrations Use modes to let users set preferences or modify a microinteraction Extend a microinteraction's life with loops, such as "Get data every 30 seconds"

Describes effective approaches to interaction design, with information on developing a design strategy, conducting research, analyzing the data, creating concepts, and testing and deployment.

Explore the new design discipline that is behind such products as the iPod and innovative Web sites like Flickr. While other books on this subject are either aimed at more seasoned practitioners or else are too focused on a particular medium like software, this guide will take a more holistic approach to the discipline, looking at interaction design for the Web, software, and devices. It is the only interaction design book that is coming from a designers point of view rather than that of an engineer. This much-needed guide is more than just a how-to manual. It covers interaction design fundamentals, approaches to designing, design research, and more, and spans all mediums—Internet, software, and devices. Even robots! Filled with tips, real-world projects, and interviews, you'll get a solid grounding in everything you need to successfully tackle interaction design. Designing for Interaction is an AIGA Design Press book, published under Peachpit's New Riders imprint in partnership with AIGA.

Thoroughly rewritten for today's web environment, this bestselling book offers a fresh look at a fundamental topic of web site development: navigation design. Amid all the changes to the Web in the past decade, and all the hype about Web 2.0 and various "rich" interactive technologies, the basic problems of creating a good web navigation system remain. Designing Web Navigation demonstrates that good navigation is not about technology—it's about the ways people find information, and how you guide them. Ideal for beginning to intermediate web designers, managers, other non-designers, and web development pros looking for another perspective, Designing Web Navigation offers basic design principles, development techniques and practical advice, with real-world examples and essential concepts seamlessly folded in. How does your web site serve your business objectives? How does it meet a user's needs? You'll learn that navigation design touches most other aspects of web site development. This book: Provides the foundations of web navigation and offers a framework for navigation design Paints a broad picture of web navigation and basic human information behavior Demonstrates how navigation reflects brand and affects site credibility Helps you understand the problem you're trying to solve before you set out to design Thoroughly reviews the mechanisms and different types of navigation Explores "information scent" and "information shape" Explains "persuasive" architecture and other design concepts Covers special contexts, such as navigation design for web applications Includes an entire chapter on tagging While Designing Web Navigation focuses on creating navigation systems for large, information-rich sites serving a business purpose, the principles and techniques in the book also apply to small sites. Well researched and cited, this book serves as an excellent reference on the topic, as well as a superb teaching guide. Each chapter ends with suggested reading and a set of questions that offer exercises for experiencing the concepts in action. The increasing complexity of design projects, the greater reliance on remote team members, and the evolution of design techniques demands professionals who can cooperate effectively. Designing Together is a book for cultivating collaborative behaviors and dealing with the inevitable difficult conversations. Designing Together features: 28 collaboration techniques. 46 conflict management techniques. 31 difficult situation diagnoses. 17 designer personality traits.

Provides information on designing easy-to-use interfaces.

Networked thermostats, fitness monitors, and door locks show that the Internet of Things can (and will) enable new ways for people to interact with the world around them. But designing connected products for consumers brings new challenges beyond conventional software UI and interaction design. This book provides experienced UX designers and technologists with a clear and practical roadmap for approaching consumer product strategy and design in this novel market. By drawing on the best of current design practice and academic research, Designing Connected Products delivers sound advice for working with cross-device interactions and the complex ecosystems inherent in IoT technology.

Voice user interfaces (VUIs) are becoming all the rage today. But how do you build one that people can actually converse with? Whether you're designing a mobile app, a toy, or a device such as a home assistant, this practical book guides you through basic VUI design principles, helps you choose the right speech recognition engine, and shows you how to measure your VUI's performance and improve upon it. Author Cathy Pearl also takes product managers, UX designers, and VUI designers into advanced design topics that will help make your VUI not just functional, but great. Understand key VUI design concepts, including command-and-control and conversational systems Decide if you should use an avatar or other visual representation with your VUI Explore speech recognition technology and its impact on your design Take your VUI above and beyond the basic exchange of information Learn practical ways to test your VUI application with users Monitor your app and learn how to quickly improve performance Get real-world examples of VUIs for home assistants, smartwatches, and car systems

What happens when you've built a great website or app, but no one seems to care? How do you get people to stick around long enough to see how your service might be of value? In Seductive Interaction Design, speaker and author Stephen P. Anderson takes a fresh approach to designing sites and interactions based on the stages of seduction. This beautifully designed book examines what motivates people to act. Topics include: AESTHETICS, BEAUTY, AND BEHAVIOR: Why do striking visuals grab our attention? And how do emotions affect judgment and behavior? PLAYFUL SEDUCTION: How do you create playful engagements during the moment? Why are serendipity, arousal, rewards, and other delights critical to a good experience? THE SUBTLE ART OF SEDUCTION: How do you put people at ease through clear and suggestive language? What are some subtle ways to influence behavior and get people to move from intent to action? THE GAME OF SEDUCTION: How do you continue motivating people long after the first encounter? Are there lessons to be gained from learning theories or game design? Principles from psychology are found throughout the book, along with dozens of examples showing how these techniques have been applied with great success. In addition, each section includes interviews with influential web and interaction designers.

Successful web design teams depend on clear communication between developers and their clients—and among members of the development team. Wireframes, site maps, flow charts, and other design diagrams establish a common language so designers and project teams can capture ideas, track progress, and keep their stakeholders informed. In this

all new edition of *Communicating Design*, author and information architect Dan Brown defines and describes each deliverable, then offers practical advice for creating the documents and using them in the context of teamwork and presentations, independent of methodology. Whatever processes, tools, or approaches you use, this book will help you improve the creation and presentation of your wireframes, site maps, flow charts, and other deliverables. The book now features: An improved structure comprising two main sections: Design Diagrams and Design Deliverables. The first focuses on the nuts and bolts of design documentation and the second explains how to pull it all together. New deliverable: design briefs, as well as updated advice on wireframes, flow charts, and concept models. More illustrations, to help designers understand the subtle variations and approaches to creating design diagrams. Reader exercises, for those lonely nights when all you really want to do is practice creating wireframes, or for use in workshops and classes. Contributions from industry leaders: Tamara Adlin, Stephen Anderson, Dana Chisnell, Nathan Curtis, Chris Fahey, James Melzer, Steve Mulder, Donna Spencer, and Russ Unger. "As an educator, I have looked to *Communicating Design* both as a formal textbook and an informal guide for its design systems that ultimately make our ideas possible and the complex clear." —Liz Danzico, from the Foreword

If you want to get ahead in this new era of interaction design, this is the reference you need. Nintendo's Wii and Apple's iPhone and iPod Touch have made gestural interfaces popular, but until now there's been no complete source of information about the technology. *Designing Gestural Interfaces* provides you with essential information about kinesiology, sensors, ergonomics, physical computing, touchscreen technology, and new interface patterns -- all you need to know to augment your existing skills in "traditional" web design, software, or product development. Packed with informative illustrations and photos, this book helps you: Get an overview of technologies surrounding touchscreens and interactive environments Learn the process of designing gestural interfaces, from documentation to prototyping to communicating to the audience what the product does Examine current patterns and trends in touchscreen and gestural design Learn about the techniques used by practicing designers and developers today See how other designers have solved interface challenges in the past Look at future trends in this rapidly evolving field Only six years ago, the gestural interfaces introduced in the film *Minority Report* were science fiction. Now, because of technological, social, and market forces, we see similar interfaces deployed everywhere. *Designing Gestural Interfaces* will help you enter this new world of possibilities.

This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. The much-anticipated fifth edition of *Designing the User Interface* provides a comprehensive, authoritative introduction to the dynamic field of human-computer interaction (HCI). Students and professionals learn practical principles and guidelines needed to develop high quality interface designs—ones that users can understand, predict, and control. It covers theoretical foundations, and design processes such as expert reviews and usability testing. Numerous examples of direct manipulation, menu selection, and form fill-in give readers an understanding of excellence in design The new edition provides updates on current HCI topics with balanced emphasis on mobile devices, Web, and desktop platforms. It addresses the profound changes brought by user-generated content of text, photo, music, and video and the raised expectations for compelling user experiences. Provides a broad survey of designing, implementing, managing, maintaining, training, and refining the user interface of interactive systems.

Describes practical techniques and research-supported design guidelines for effective interface designs Covers both professional applications (e.g. CAD/CAM, air traffic control) and consumer examples (e.g. web services, e-government, mobile devices, cell phones, digital cameras, games, MP3 players) Delivers informative introductions to development methodologies, evaluation techniques, and user-interface building tools. Supported by an extensive array of current examples and figures illustrating good design principles and practices. Includes dynamic, full-color presentation throughout. Guides students who might be starting their first HCI design project Accompanied by a Companion Website with additional practice opportunities and informational resources for both students and professors.

How to use design as a tool to create not only things but ideas, to speculate about possible futures. Today designers often focus on making technology easy to use, sexy, and consumable. In *Speculative Everything*, Anthony Dunne and Fiona Raby propose a kind of design that is used as a tool to create not only things but ideas. For them, design is a means of speculating about how things could be—to imagine possible futures. This is not the usual sort of predicting or forecasting, spotting trends and extrapolating; these kinds of predictions have been proven wrong, again and again. Instead, Dunne and Raby pose "what if" questions that are intended to open debate and discussion about the kind of future people want (and do not want). *Speculative Everything* offers a tour through an emerging cultural landscape of design ideas, ideals, and approaches. Dunne and Raby cite examples from their own design and teaching and from other projects from fine art, design, architecture, cinema, and photography. They also draw on futurology, political theory, the philosophy of technology, and literary fiction. They show us, for example, ideas for a solar kitchen restaurant; a flypaper robotic clock; a menstruation machine; a cloud-seeding truck; a phantom-limb sensation recorder; and devices for food foraging that use the tools of synthetic biology. Dunne and Raby contend that if we speculate more—about everything—reality will become more malleable. The ideas freed by speculative design increase the odds of achieving desirable futures.

In *Team Topologies* DevOps consultants Matthew Skelton and Manuel Pais share secrets of successful team patterns and interactions to help readers choose and evolve the right team patterns for their organization, making sure to keep the software healthy and optimize value streams. *Team Topologies* will help readers discover:

- Team patterns used by successful organizations.
- Common team patterns to avoid with modern software systems.
- When and why to use different team patterns
- How to evolve teams effectively.
- How to split software and align to teams.

Whether you're designing consumer electronics, medical devices, enterprise Web apps, or new ways to check out at the

supermarket, today's digitally-enabled products and services provide both great opportunities to deliver compelling user experiences and great risks of driving your customers crazy with complicated, confusing technology. Designing successful products and services in the digital age requires a multi-disciplinary team with expertise in interaction design, visual design, industrial design, and other disciplines. It also takes the ability to come up with the big ideas that make a desirable product or service, as well as the skill and perseverance to execute on the thousand small ideas that get your design into the hands of users. It requires expertise in project management, user research, and consensus-building. This comprehensive, full-color volume addresses all of these and more with detailed how-to information, real-life examples, and exercises. Topics include assembling a design team, planning and conducting user research, analyzing your data and turning it into personas, using scenarios to drive requirements definition and design, collaborating in design meetings, evaluating and iterating your design, and documenting finished design in a way that works for engineers and stakeholders alike.

Provides information on user interface design of small details that exist inside applications, covering such topics as triggers, rules, feedback, and loops and modes.

A new wave of products is helping people change their behavior and daily routines, whether it's exercising more (Jawbone Up), taking control of their finances (HelloWallet), or organizing their email (Mailbox). This practical guide shows you how to design these types of products for users seeking to take action and achieve specific goals. Stephen Wendel, HelloWallet's head researcher, takes you step-by-step through the process of applying behavioral economics and psychology to the practical problems of product design and development. Using a combination of lean and agile development methods, you'll learn a simple iterative approach for identifying target users and behaviors, building the product, and gauging its effectiveness. Discover how to create easy-to-use products to help people make positive changes. Learn the three main strategies to help people change behavior Identify your target audience and the behaviors they seek to change Extract user stories and identify obstacles to behavior change Develop effective interface designs that are enjoyable to use Measure your product's impact and learn ways to improve it Use practical examples from products like Nest, Fitbit, and Opower

It's the little things that turn a good digital product into a great one. With this full color practical book, you'll learn how to design effective microinteractions: the small details that exist inside and around features. How can users change a setting? How do they turn on mute, or know they have a new email message? Through vivid, real-world examples from today's devices and applications, author Dan Saffer walks you through a microinteraction's essential parts, then shows you how to use them in a mobile app, a web widget, and an appliance. You'll quickly discover how microinteractions can change a product from one that's tolerated into one that's treasured. Explore a microinteraction's structure: triggers, rules, feedback, modes, and loops Learn the types of triggers that initiate a microinteraction Create simple rules that define how your microinteraction can be used Help users understand the rules with feedback, using graphics, sounds, and vibrations Use modes to let users set preferences or modify a microinteraction Extend a microinteraction's life with loops, such as "Get data every 30 seconds"

Aimed at software developers, this book proposes the creation of a new profession of software design. The examples in the text are updated to reflect new platforms along with additional case studies where appropriate.

Adobe Photoshop Lightroom Classic CC Classroom in a Book® New ways to assemble collections and more search filters make it easier than ever to organize your growing library and find the photos you need. Streamline your editing workflow using intelligent tools trained with thousands of professionally corrected images, and make more selective local adjustments with sophisticated color and tone range masking. Work on your photos on any device; then, create stylish books and print layouts, dynamic slideshows, and interactive web galleries to showcase your images—or publish them online with just a click. The fastest, easiest, most comprehensive way to learn Adobe Photoshop Lightroom Classic CC! Classroom in a Book®, the best-selling series of hands-on software training workbooks, offers what no other book or training program does—an official training series from Adobe, developed with the support of Adobe product experts. Adobe Photoshop Lightroom Classic CC Classroom in a Book (2018 release) contains 11 lessons that cover the basics and beyond, providing countless tips and techniques to help you become more productive with the program. You can follow the book from start to finish or choose only those lessons that interest you. Purchase of this book includes valuable online features. Follow the instructions in the book's Getting Started section to unlock access to: • Downloadable lesson files you need to work through the projects in the book • Web Edition containing the complete text of the book, interactive quizzes, and videos that walk you through the lessons step by step, and updated material covering new feature releases from Adobe What you need to use this book: Adobe Photoshop Lightroom Classic CC (2018 release) software, for either Windows or macOS. (Software not included.) Note: Classroom in a Book does not replace the documentation, support, updates, or any other benefits of being a registered owner of Adobe Photoshop Lightroom Classic CC software.

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