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The Lifecycle of Software Objects *Subterranean*

Follows the lives of Ana Alvarado and Derek Brooks as they create and relate to the artificial intelligences they helped design.

Stories of Your Life and Others *Knopf*

From the author of *Exhalation*, an award-winning short story collection that blends "absorbing storytelling with meditations on the universe, being, time and space ... raises questions about the nature of reality and what it is to be human" (The New York Times). *Stories of Your Life and Others* delivers dual delights of the very, very strange and the heartbreakingly familiar, often presenting characters who must confront sudden change—the inevitable rise of automatons or the appearance of aliens—with some sense of normalcy. With sharp intelligence and humor, Chiang examines what it means to be alive in a world marked by uncertainty, but also by beauty and wonder. An award-winning collection from one of today's most lauded writers, *Stories of Your Life and Others* is a contemporary classic. Includes "Story of Your Life"—the basis for the major motion picture *Arrival*

Exhalation**Stories** *Vintage*

NATIONAL BESTSELLER • ONE OF THE NEW YORK TIMES BEST BOOKS OF THE YEAR • Nine stunningly original, provocative, and poignant stories—two published for the very first time—all from the mind of the incomparable author of *Stories of Your Life and Others* Tackling some of humanity's oldest questions along with new quandaries only he could imagine, these stories will change the way you think, feel, and see the world. They are Ted Chiang at his best: profound, sympathetic, revelatory.

Zendegi *Hachette UK*

Nasim is a young computer scientist, hoping to work on the Human Connectome Project: a plan to map every neural connection in the human brain. But funding for the project is cancelled, and Nasim ends up devoting her career to Zendegi, a computerised virtual world used by millions of people. Fifteen years later, a revived Connectome Project has published a map of the brain. Zendegi is facing fierce competition from its rivals, and Nasim decides to exploit the map to fill the virtual world with better Proxies: the bit-players that bring its crowd scenes to life. As controversy rages over the nature and rights of the Proxies, a friend with terminal cancer begs Nasim to make a Proxy of him, so some part of him will survive to help raise his orphaned son. But Zendegi is about to become a battlefield ...

Site Reliability Engineering**How Google Runs Production Systems** "O'Reilly Media, Inc."

The overwhelming majority of a software system’s lifespan is spent in use, not in design or implementation. So, why does conventional wisdom insist that software engineers focus primarily on the design and development of large-scale computing systems? In this collection of essays and articles, key members of Google’s Site Reliability Team explain how and why their commitment to the entire lifecycle has enabled the company to successfully build, deploy, monitor, and maintain some of the largest software systems in the world. You’ll learn the principles and practices that enable Google engineers to make systems more scalable, reliable, and efficient—lessons directly applicable to your organization. This book is divided into four

sections: Introduction—Learn what site reliability engineering is and why it differs from conventional IT industry practices Principles—Examine the patterns, behaviors, and areas of concern that influence the work of a site reliability engineer (SRE) Practices—Understand the theory and practice of an SRE’s day-to-day work: building and operating large distributed computing systems Management—Explore Google's best practices for training, communication, and meetings that your organization can use

Sorry Please Thank You**Stories** *Pantheon*

Presents a collection of stories featuring a retail employee who is confronted by a zombie, a computer warrior who leads his fighter band across a virtual landscape, and a company that outsources grief.

The Sea Demons**The Quiet at the End of the World**

A sci-fi mystery adventure about the last surviving members of the human race. How far would you go to save those you love? Lowrie and Shen are the youngest people on the planet after a virus caused global infertility. Closeted in a pocket of London and doted upon by a small, ageing community, the pair spend their days mudlarking and looking for treasure - until a secret is uncovered that threatens not only their family but humanity's entire existence. Now Lowrie and Shen face an impossible choice: in the quiet at the end of the world, they must decide who to save and who to sacrifice..

Touch of Class**Learning to Program Well with Objects and Contracts** *Springer Science & Business Media*

This text combines a practical, hands-on approach to programming with the introduction of sound theoretical support focused on teaching the construction of high-quality software. A major feature of the book is the use of Design by Contract.

The Merchant and the Alchemist's Gate *Subterranean*

A Baghdad merchant, who discovers an alchemical device that can send him back in time twenty years, tries to return to an earlier time to save his dead wife.

Programming Embedded Systems**With C and GNU Development Tools** "O'Reilly Media, Inc."

Authored by two of the leading authorities in the field, this guide offers readers the knowledge and skills needed to achieve proficiency with embedded software.

Machinehood *Simon and Schuster*

Zero Dark Thirty meets The Social Network in this “clever...gritty” (Ken Liu, author of The Grace of Kings) science fiction thriller about artificial intelligence, sentience, and labor rights in a near future dominated by the gig economy—from Hugo Award nominee S.B. Divya. Welga Ramirez, executive bodyguard and ex-special forces, is about to retire early when her client is killed in front of her. It’s, 2095 and people don’t usually die from violence. Humanity is entirely dependent on pills that not only help them stay alive but allow them to compete with artificial intelligence in an increasingly competitive gig economy. Daily doses protect against designer diseases, flow enhances focus, zips and buffs enhance physical strength and speed, and juvers speed the healing process. All that changes when Welga’s client is killed by The Machinehood, a new and mysterious terrorist group that has simultaneously attacked several major pill funders. The Machinehood operatives seem to be part human, part machine, something the world has never seen. They issue an ultimatum: stop all pill production in one week. Global panic ensues as pill production slows and many become ill. Thousands destroy their bots in fear of a strong AI takeover. But the US government believes the Machinehood is a cover for an old enemy. One that Welga is uniquely qualified to fight. Welga, determined to take down the Machinehood, is pulled back into intelligence work by the government that betrayed her. But who are the Machinehood, and what do they really want? A “fantastic, big-idea thriller” (Malka Older, Hugo Award finalist for The Centenal Cycle series) that asks: if we won’t see machines as human, will we instead see humans as machines?

Design Patterns**Elements of Reusable Object-Oriented Software** *Pearson Deutschland GmbH*

A catalog of solutions to commonly occurring design problems, presenting 23 patterns that allow designers to create flexible and reusable designs for object-oriented software. Describes the circumstances in which each pattern is applicable, and discusses the consequences and trade-offs of using the pattern within a larger design. Patterns are compiled from real systems, and include code for implementation in object-oriented programming languages like C++ and Smalltalk. Includes a bibliography. Annotation copyright by Book News, Inc., Portland, OR

Tower of Babylon *Vintage*

A Vintage Shorts “Short Story Month” Selection Together with a crew of other miners and cart-pullers, Hillalum is recruited to climb the Tower of Babylon and unearth what lies beyond the vault of heaven. During his journey, Hillalum discovers entire civilizations of tower-dwellers on the tower—there are those who live inside the mists of clouds, those who raise their vegetables above the sun, and those who have spent their lives under the oppressive weight of an endless, white stratum at the top of the universe. “Tower of Babylon” is a rare gem—a winner of the prestigious Nebula award, the first story Ted Chiang ever published, and the brilliant opening piece to Chiang’s much-lauded first collection, *Stories of Your Life and Others*, which is soon to be a major motion picture starring Amy Adams. An ebook short.

The Socialist Decision *Wipf and Stock Publishers*

Coraline *A&C Black*

When a young girl ventures through a hidden door, she finds another life with shocking similarities to her own. Coraline has moved to a new house with her parents and she is fascinated by the fact that their 'house' is in fact only half a house! Divided into flats years before, there is a brick wall behind a door where once there was a corridor. One day it is a corridor again and the intrepid Coraline wanders down it. And so a nightmare-ish mystery begins that takes Coraline into the arms of counterfeit parents and a life that isn't quite right. Can Coraline get out? Can she find her real parents? Will life ever be the same again?

Warriors 2 *Tor Fantasy*

From George R. R. Martin's Introduction to *Warriors*: "People have been telling stories about warriors for as long as they have been telling stories. Since Homer first sang the wrath of Achilles and the ancient Sumerians set down their tales of Gilgamesh, warriors, soldiers, and fighters have fascinated us; they are a part of every culture, every literary tradition, every genre. All Quiet on the Western Front, From Here to Eternity, and The Red Badge of Courage have become part of our literary canon, taught in classrooms all around the country and the world. Our contributors make up an all-star lineup of award-winning and bestselling writers, representing a dozen different publishers and as many genres. We asked each of them for the same thing—a story about a warrior. Some chose to write in the genre they're best known for. Some decided to try something different. You will find warriors of every shape, size, and color in these pages, warriors from every epoch of human history, from yesterday and today and tomorrow, and from worlds that never were. Some of the stories will make you sad, some will make you laugh, and many will keep you on the edge of your seat." The stories in the second mass market volume of this book are: Introduction: *Stories of the Spinner Rack*, by George R. R. Martin *Seven Years from Home*, by Naomi Novik *Dirae*, by Peter S. Beagle *Ancient Ways*, by S. M. Stirling *The Scroll*, by David Ball *Recidivist*, by Gardner Dozois *Ninieslando*, by Howard Waldrop *Out of the Dark*, by David Weber Many of these writers are bestsellers. All of them are storytellers of the highest quality. Together they make a volume of unforgettable reading. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

Machines Like Me

A Novel *Anchor*

New from Ian McEwan, Booker Prize winner and international bestselling author of *Atonement* and *The Children Act* *Machines Like Me* takes place in an alternative 1980s London. Charlie, drifting through life and dodging full-time employment, is in love with Miranda, a bright student who lives with a terrible secret. When Charlie comes into money, he buys Adam, one of the first synthetic humans and—with Miranda's help—he designs Adam's personality. The near-perfect human that emerges is beautiful, strong, and clever. It isn't long before a love triangle soon forms, and these three beings confront a profound moral dilemma. In his subversive new novel, Ian McEwan asks whether a machine can understand the human heart—or whether we are the ones who lack understanding.

Java Data Objects *Addison-Wesley Professional*
CD-ROM contains: JDO implementations.

Lightless *Del Rey*

NAMED ONE OF THE BEST BOOKS OF THE YEAR BY BUZZFEED AND KIRKUS REVIEWS • With deeply moving human drama, nail-biting suspense—and bold speculation informed by a degree in physics—C. A. Higgins spins a riveting science fiction debut guaranteed to catapult readers beyond their expectations. Serving aboard the Ananke, an experimental military spacecraft launched by the ruthless organization that rules Earth and its solar system, computer scientist Althea has established an intense emotional bond—not with any of her crewmates, but with the ship’s electronic systems, which speak more deeply to her analytical mind than human feelings do. But when a pair of fugitive terrorists gain access to the Ananke, Althea must draw upon her heart and soul for the strength to defend her beloved ship. While one of the saboteurs remains at large somewhere on board, his captured partner—the enigmatic Ivan—may prove to be more dangerous. The perversely fascinating criminal whose silver tongue is his most effective weapon has long evaded the authorities’ most relentless surveillance—and kept the truth about his methods and motives well hidden. As the ship’s systems begin to malfunction and the claustrophobic atmosphere is increasingly poisoned by distrust and suspicion, it falls to Althea to penetrate the prisoner’s layers of intrigue and deception before all is lost. But when the true nature of Ivan’s mission is exposed, it will change Althea forever—if it doesn’t kill her first. Praise for *Lightless* “Gripping . . . sci-fi flavored with a hint of thriller.”—New York Daily News “[A] measured, lovely science-fiction debut [that is] more psychological thriller . . . contained, disciplined, tense . . . *Lightless* is the first of a planned series, and

you can’t help looking forward to learning what’s next.”—The New York Times “*Lightless* is full of suspense and fun as hell to read.”—BuzzFeed “Absolutely brilliant . . . This is science fiction as it is meant to be done: scientific concepts wedded to and built upon human ideals.”—Seanan McGuire, New York Times bestselling author of the October Daye series “The stakes in this story are high—life and death, rebellion and betrayal—and debut novelist Higgins continually ratchets up the tension. . . . A suspenseful, emotional story that asks plenty of big questions about identity and freedom, this is a debut not to be missed.”—Kirkus Reviews (starred review) “A taut, suspenseful read.”—Tech Times “*Lightless* is an exercise in lighting a very slow fuse and building the tension to an unbearable pitch while making us guess just how apocalyptic the ultimate explosion will be. . . . It is a high-wire act, a wonderment, and a fine accomplishment from a name we'll be seeing again.”—Sci Fi

The Site Reliability Workbook

Practical Ways to Implement SRE *O'Reilly Media, Inc."*

In 2016, Google’s Site Reliability Engineering book ignited an industry discussion on what it means to run production services today—and why reliability considerations are fundamental to service design. Now, Google engineers who worked on that bestseller introduce *The Site Reliability Workbook*, a hands-on companion that uses concrete examples to show you how to put SRE principles and practices to work in your environment. This new workbook not only combines practical examples from Google’s experiences, but also provides case studies from Google’s Cloud Platform customers who underwent this journey. Evernote, The Home Depot, The New York Times, and other companies outline hard-won experiences of what worked for them and what didn’t. Dive into this workbook and learn how to flesh out your own SRE practice, no matter what size your company is. You’ll learn: How to run reliable services in environments you don’t completely control—like cloud Practical applications of how to create, monitor, and run your services via Service Level Objectives How to convert existing ops teams to SRE—including how to dig out of operational overload Methods for starting SRE from either greenfield or brownfield

Configuration Management and Performance Verification of Explosives-Detection Systems *National Academies Press*

This report assesses the configuration-management and performance-verification options for the development and regulation of commercially available Explosive Detection Systems (EDS) and other systems designed for detection of explosives. In particular, the panel authoring this report (1) assessed the advantages and disadvantages of methods used for configuration management and performance verification relative to the FAA's needs for explosives-detection equipment regulation, (2) outlined a "quality management program" that the FAA can follow that includes configuration management and performance verification and that will encourage commercial development and improvement of explosives-detection equipment while ensuring that such systems are manufactured to meet FAA certification requirements, and (3) outlined a performance-verification strategy that the FAA can follow to ensure that EDSs continue to perform at certification specifications in the airport environment.

AI Narratives

A History of Imaginative Thinking about Intelligent Machines *Oxford University Press, USA*

This book is the first to examine the history of imaginative thinking about intelligent machines. As real Artificial Intelligence (AI) begins to touch on all aspects of our lives, this long narrative history shapes how the technology is developed, deployed and regulated. It is therefore a crucial social and ethical issue. Part I of this book provides a historical overview from ancient Greece to the start of modernity. These chapters explore the revealing pre-history of key concerns of contemporary AI discourse, from the nature of mind and creativity to issues of power and rights, from the tension between fascination and ambivalence to investigations into artificial voices and technophobia. Part II focuses on the twentieth and twenty-first-centuries in which a greater density of narratives emerge alongside rapid developments in AI technology. These chapters reveal not only how AI narratives have consistently been entangled with the emergence of real robotics and AI, but also how they offer a rich source of insight into how we might live with these revolutionary machines. Through their close textual engagements, these chapters explore the relationship between imaginative narratives and contemporary debates about AI's social, ethical and philosophical consequences, including questions of dehumanization, automation, anthropomorphisation, cybernetics, cyberpunk, immortality, slavery, and governance. The contributions, from leading humanities and social science scholars, show that narratives about AI offer a crucial epistemic site for exploring contemporary debates about these powerful new technologies.

Love, Robot

Includes an interview with the author: "Poetics and process / Margaret Rhee & Lynne DeSilva-Johnson" (pages 86-90).

Weedless Gardening *Workman Publishing*

Garden like Mother Nature, with an organic system that’s good for plants and good for people. Say good-bye to backaches and weed problems! Lee Reich’s organic Weedless Gardening eschews the traditional yearly digging up and working over of the soil. It’s is an easy-to-follow, low-impact approach to planting and maintaining a flower garden, a vegetable patch, trees, and shrubs naturally. "If you love to knock yourself out digging beds, buy a better shovel. If you're looking for a no-nonsense alternative, buy this book!" -Ketzel Levine, National Public Radio's Doyenne of Dirt) "Thoroughly practical, easy-to-follow guide to good gardening Lee Reich make it sound simple, and if you follow his methods and philosophy, it is." - Dora Galitzki, Gardening Columnist, The New York Times, and Author of The Gardener's Essential Companion "Finally, a book filled with science-based information that insures success and frees us from busywork in the garden." - Dr. H. March Cathey, President Emeritus, American Horticultural Society

Java 8 Lambdas

Pragmatic Functional Programming *"O'Reilly Media, Inc."*

If you’re a developer with core Java SE skills, this hands-on book takes you through the language changes in Java 8 triggered by the addition of lambda expressions. You’ll learn through code examples, exercises, and fluid explanations how these anonymous functions will help you write simple, clean, library-level code that solves business problems. Lambda expressions are a fairly simple change to Java, and the first part of the book shows you how to use them properly. Later chapters show you how lambda functions help you improve performance with parallelism, write simpler concurrent code, and model your domain more accurately, including building better DSLs. Use exercises in each chapter to help you master lambda expressions in Java 8 quickly Explore streams, advanced collections, and other Java 8 library improvements Leverage multicore CPUs and improve performance with data parallelism Use techniques to “lambdify” your existing codebase or library code Learn practical solutions for lambda expression unit testing and debugging Implement SOLID principles of object-oriented programming with lambdas Write concurrent applications that efficiently perform message passing and non-blocking I/O

Virtual Girl

Arnold Dexter breaks the law when he creates Maggie, a robot companion who seems perfect in every way, but when Maggie is separated from her creator, she begins to become a sentient being. Original.

J2EE Design Patterns

Patterns in the Real World *"O'Reilly Media, Inc."*

Architects of buildings and architects of software have more in common than most people think. Both professions require attention to detail, and both practitioners will see their work collapse around them if they make too many mistakes. It's impossible to imagine a world in which buildings get built without blueprints, but it's still common for software applications to be designed and built without blueprints, or in this case, design patterns.A software design pattern can be identified as "a recurring solution to a recurring problem." Using design patterns for software development makes sense in the same way that architectural design patterns make sense--if it works well in one place, why not use it in another? But developers have had enough of books that simply catalog design patterns without extending into new areas, and books that are so theoretical that you can't actually do anything better after reading them than you could before you started.Crawford and Kaplan's J2EE Design Patterns approaches the subject in a unique, highly practical and pragmatic way. Rather than simply present another catalog of design patterns, the authors broaden the scope by discussing ways to choose design patterns when building an enterprise application from scratch, looking closely at the real world tradeoffs that Java developers must weigh when architecting their applications. Then they go on to show how to apply the patterns when writing realworld software. They also extend design patterns into areas not covered in other books, presenting original patterns for data modeling, transaction / process modeling, and interoperability.J2EE Design Patterns offers extensive coverage of the five problem areas enterprise developers face: Maintenance (Extensibility) Performance (System Scalability) Data Modeling (Business Object Modeling) Transactions (process Modeling) Messaging (Interoperability) And with its careful balance between theory and practice, J2EE Design Patterns will give developers new to the Java enterprise development arena a solid understanding of how to approach a wide variety of architectural and procedural problems, and will give experienced J2EE pros an opportunity to extend and improve on their existing experience.

A Touch of Jen *Hachette UK*

A young couple's toxic Instagram crush spins out of control and unleashes a sinister creature in this twisted, viciously funny, "bananas good" debut. (Carmen Maria Machado) "Um, holy shit...This novel will be the most fun you'll have this summer." —Emily Temple, Literary Hub Remy and Alicia, a couple of insecure service workers, are not particularly happy together. But they are bound by a shared obsession with Jen, a beautiful former co-worker of Remy’s who now seems to be following her bliss as a globe-trotting jewelry designer. In and outside the bedroom, Remy and Alicia's entire relationship revolves around fantasies of Jen, whose every Instagram caption, outfit, and new age mantra they know by heart. Imagine their confused excitement when they run into Jen, in the flesh, and she invites them on a surfing trip to the Hamptons with her wealthy boyfriend and their group. Once there, Remy and Alicia try (a little too hard) to fit into Jen’s exalted social circle, but violent desire and class resentment bubble beneath the surface of this beachside paradise, threatening to erupt. As small disturbances escalate into outright horror, we find ourselves tumbling with Remy and Alicia into an uncanny alternate reality, one shaped by their most unspeakable, deviant, and intoxicating fantasies. Is this what “self-actualization” looks like? Part millennial social comedy, part psychedelic horror, and all wildly entertaining, A Touch of Jen is a sly, unflinching examination of the hidden drives that lurk just outside the frame of our carefully curated selves.

The Knights of the Limits *Hachette UK*

Nine brilliant stories of infinite space and alien consciousness, suffused with a sense of wonder . . . The Exploration of Space The Bees of Knowledge Exit from City Me and my Antronoscope All the King's Men An Overload Mutation Planet The Problem of Morley's Emission The Cabinet of Oliver Naylor

Call Me Ted *Business Plus*

"Early to bed, early to rise, work like hell and advertise!" These words of fatherly advice helped shape Ted Turner's remarkable life, but they only begin to explain the colorful, energetic, and unique style that has made Ted into one of the most amazing personalities of our time. Along the way - among his numerous accomplishments -- Ted became one of the richest men in the world, the largest land owner in the United States, revolutionized the television business with the creation of TBS and CNN, became a champion sailor and winner of the America's Cup, and took home a World Series championship trophy in 1995 as owner of the Atlanta Braves. An innovative entrepreneur, outspoken nonconformist, and groundbreaking

philanthropist, Ted Turner is truly a living legend, and now, for the first time, he reveals his personal story. From his difficult childhood to the successful launch of his media empire to the catastrophic AOL/Time Warner deal, Turner spares no details or feelings and takes the reader along on a wild and sometimes bumpy ride. You'll also hear Ted's personal take on how we can save the world...share his experiences in the dugout on the day when he appointed himself as manager of the Atlanta Braves....learn how he almost lost his life in the 1979 Fastnet sailing race (but came out the winner)...and discover surprising details about his dealings with Fidel Castro, Mikhail Gorbachev, Jimmy Carter, Bill Gates, Jack Welch, Warren Buffett, and many more of the most influential people of the past half century. Ted also doesn't shrink from the darker and more intimate details of his life. With his usual frankness, he discusses a childhood of loneliness (he was left at a boarding school by his parents at the tender age of four), and the emotional impact of devastating losses (Ted's beloved sister died at seventeen and his hard-charging father committed suicide when Ted was still in his early twenties). Turner is also forthcoming about his marriages, including the one to Oscar-winning actress, Jane Fonda. Along the way, Ted's friends, colleagues, and family are equally revealing in their unique "Ted Stories" which are peppered throughout the book. Jane Fonda, especially, provides intriguing insights into Ted's inner drive and character. In CALL ME TED, you'll hear Ted Turner's distinctive voice on every page. Always forthright, he tells you what makes him tick and what ticks him off, and delivers an honest account of what he's all about. Inspiring and entertaining, CALL ME TED sheds new light on one of the greatest visionaries of our time.

Product Design and Life Cycle Assessment *Baltic University Press*

When Strangers Meet

How People You Don’t Know Can Transform You *Simon and Schuster*

Argues for the practice of talking to strangers as a way of widening one's experience of the world, addressing the transformative possibilities as well as the political and practical considerations of engaging with strangers in public.

Life Cycles

Everything from Start to Finish *Penguin*

This stunning illustrated children's book takes an innovative look at the circle of life, including animals, dinosaurs, stars, volcanoes, and even YOU. Everything has a beginning and an end, but what happens in between? Follow the migration of zebra across the vast plains, meet penguins guarding their eggs on the ice, and watch butterflies emerge from their cocoons. Shoot back in time 4.5 billion years to see how planet Earth was formed and then leap into the future to see what happens when stars die. Discover a new life cycle every time you turn the page. You'll take a closer look at the life cycles of environments, too. Discover how a river forms and changes over time. Find out how a tree grows and all of the other life cycles it supports within it. See the amazing sculptures the ocean waves carve out of cliffs. Dive beneath the surface to see how coral reefs form, and what causes them to die. Follow the life cycles of weather--from the water cycle to ice ages, to give you a better grasp of the climate situation we find ourselves in now. From the single-celled amoeba to how the Earth formed, the life cycles in this ebook have been carefully chosen to give you an amazing overview of the universe, and how everything is intricately linked. Filled with facts to amaze your friends, stunning photography, and beautifully detailed illustrations by Sam Falconer, Life Cycles gets to grips with the essence of life itself.

Design Patterns in Modern C++

Reusable Approaches for Object-Oriented Software Design *Apress*

Apply modern C++17 to the implementations of classic design patterns. As well as covering traditional design patterns, this book fleshes out new patterns and approaches that will be useful to C++ developers. The author presents concepts as a fun investigation of how problems can be solved in different ways, along the way using varying degrees of technical sophistication and explaining different sorts of trade-offs. Design Patterns in Modern C++ also provides a technology demo for modern C++, showcasing how some of its latest features (e.g., coroutines) make difficult problems a lot easier to solve. The examples in this book are all suitable for putting into production, with only a few simplifications made in order to aid readability. What You Will Learn Apply design patterns to modern C++ programming Use creational patterns of builder, factories, prototype and singleton Implement structural patterns such as adapter, bridge, decorator, facade and more Work with the behavioral patterns such as chain of responsibility, command, iterator, mediator and more Apply functional design patterns such as Monad and more Who This Book Is For Those with at least some prior programming experience, especially in C++.

Rule 34 *Penguin*

Meet Edinburgh Detective Inspector Liz Kavanaugh, head of the Innovative Crimes Investigation Unit, otherwise known as the Rule 34 Squad. They monitor the Internet for potential criminal activity, analyzing trends in the extreme fringes of explicit content. And occasionally, even more disturbing patterns arise... Three ex-cons have been murdered in Germany, Italy, and Scotland. The only things they had in common were arrests for spamming—and a taste for unorthodox entertainment. As the first officer on the scene of the most recent death, Liz finds herself sucked into an international investigation that isn’t so much asking who the killer is, but what—and if she doesn't find the answer soon, the homicides could go viral.

A Borrowed Man

A Novel *Macmillan*

A Borrowed Man: a new science fiction novel from Gene Wolfe, the celebrated author of the Book of the New Sun series. It is perhaps a hundred years in the future, our civilization is gone, and another is in place in North America, but it retains many familiar things and structures. Although the population is now small, there is advanced technology, there are robots, and there are clones. E. A. Smithe is a borrowed person. He is a clone who lives on a third-tier shelf in a public library, and his personality is an uploaded recording of a deceased mystery writer. Smithe is a piece of property, not a legal human. A wealthy patron, Colette Coldbrook, takes him from the library because he is the surviving personality of the author of Murder on Mars. A physical copy of that book was in the possession of her murdered father, and it contains an important secret, the key to immense family wealth. It is lost, and Colette is afraid of the police. She borrows Smithe to help her find the book and to find out what the secret is. And then the plot gets complicated. At the Publisher's request, this title is being sold without Digital Rights Management Software (DRM) applied.

Designing the User Interface

Strategies for Effective Human-Computer Interaction *Pearson*

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.

The Thackery T. Lampshead Cabinet of Curiosities

Exhibits, Oddities, Images, and Stories from Top Authors and Artists *Harper Collins*

“Some of the most interesting fantasist-fabulists writing today.” —Los Angeles Times “A science-fiction symphony of strangeness....The Cabinet of Curiosities will give you a good jolt of wonder.” —Gainesville Times You’ll be astonished by what you’ll find in The Thackery T. Lampshead Cabinet of Curiosities. Editors Ann and Jeff Vandermeer have gathered together a spectacular array of exhibits, oddities, images, and stories by some of the most renowned and bestselling writers and artists in speculative and graphic fiction, including Ted Chiang, Mike Mignola (creator of Hellboy), China Miéville, and Michael Moorcock. A spectacularly illustrated anthology of Victorian steampunk devices and the stories behind them, The Thackery T. Lampshead Cabinet of Curiosities is a boldly original, enthrallingly imaginative, and endlessly entertaining entry into a hidden world of weird science and unnatural nature that will appeal equally to fantasy lovers and graphic novel aficionados.

The Immaculate Void *ChiZine Publications*

A novel of time, trauma, and terror by “a writer of spectacularly unflinching gifts [who] leaves most contemporary horror writing in the dust” (Peter Straub). “You wouldn’t think events happening years apart, at points in the solar system hundreds of millions of miles distant, would have anything to do with each other.” When she was six, Daphne was taken into a neighbor’s toolshed, and came within seconds of never coming out alive. Most of the scars healed. Except for the one that went all the way through. “You wouldn’t think that the serial murders of children, and the one who got away, would have any connection with the strange fate of one of Jupiter’s moons.” Two decades later, when Daphne goes missing again, it’s nothing new. As her exes might agree, running is what she does best. So her brother Tanner sets out one more time to find her. Whether in the mountains, or in his own family, search-and-rescue is what he does best. “But it does. It’s all connected. Everything’s connected.” Down two different paths, along two different timelines, Daphne and Tanner both find themselves trapped in a savage hunt for the rarest people on earth, by those who would slaughter them on behalf of ravenous entities that lurk outside of time. “So when things start to unravel, it all starts to unravel.” But in ominous signs that have traveled light-years to be seen by human eyes, and that plummet from the sky, the ultimate truth is revealed: There are some things in the cosmos that terrify even the gods.