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### The Basics of Essay Writing

The BSRIA guide produced in conjunction with the University of Bath, in line with the recent IGT report, looks at why it is necessary to account for the embodied carbon in construction. Its purpose is to provide the construction industry with necessary data and then present the raw data in a way that is readily usable in calculations.

### To Serve God and Wal-Mart

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### The Lilly Library from A to Z

For those considering Extreme Programming, this book provides no-nonsense advice on agile planning, development, delivery, and management taken from the authors' many years of experience. While plenty of books address the what and why of agile development, very few offer the information users can apply directly.

### Spurious

REA's AP Environmental Science Crash Course is the first book of its kind for the last-minute studier or any AP student who wants a quick refresher on the course. /Written by an AP Environmental Science teacher, the targeted review chapters prepare students for the test by only focusing on the important topics tested on the AP Environmental Science exam. /The easy-to-read review chapters in outline format cover everything AP students need to know for the exam: human population dynamics, managing public lands, energy conservation, changes in Earth's climate, species extinction, loss of biodiversity, and more. The author also includes must-know key terms all AP students should know before test day. /With our Crash Course, students can study the subject faster, learn the crucial material, and boost their AP score all in less time. The author provides key strategies for answering the multiple-choice questions, so students can build their point scores and get a 5!

## **The Dynamics of Global Economic Governance**

In the summer of 1969, 400,000 people from across the country came together and redefined the music scene forever. Though the legacy and lore of Woodstock lives on in the memory of its attendees, a new generation can experience the real and unedited festival through Richard Bellak's never-before-seen photographs and John Kane's incredible new interviews. Pilgrims of Woodstock offers a vivid and intimate portrait of the overlooked stars of the festival: the everyday people who made Woodstock unforgettable. The photographs and interviews capture attendees' profound personal moments across hundreds of acres of farmland, as they meditated, played music, cooked food at night, and congregated around campfires. For three days, they helped and relied on each other in peace and harmony. For most, it was a life-changing event. Now, as the 50th anniversary of the famed festival approaches, relive their experiences firsthand in Pilgrims of Woodstock.

## **Daniel Johnston**

Green Technology: An A-to-Z Guide explores the essential role of technology and its most recent developments toward a sustainable environment. Twofold in its definition, green technology includes the changing of existing technology toward energy conservation as well as the creation of new, clean technology aimed at utilizing renewable resources. With a primary focus on waste management, the volume presents more than 150 articles in A-to-Z format featuring such disciplines as nanoscience, biochemistry, information technology, and environmental engineering. Scholars and experts in their fields present a full range of topics from applications of green technology to The Green Grid global consortium to membrane technology and water purification systems to waste-to-energy technology. This work culminates in an outstanding reference available in both print and electronic formats for academic, university, and public libraries. Vivid photographs, searchable hyperlinks, an extensive resource guide, numerous cross references, and a clear, accessible writing style make the Green Society volumes ideal for classroom use as well as for research.

## **The Leader's Guide to Radical Management**

The definitive guide to working with -- and surviving -- bullies, creeps, jerks, tyrants, tormentors, despots, backstabbers, egomaniacs, and all the other assholes who do their best to destroy you at work. "What an asshole!" How many times have you said that about someone at work? You're not alone! In this groundbreaking book, Stanford University professor Robert I. Sutton builds on his acclaimed Harvard Business Review article to show you the best ways to deal with assholes and why they can be so destructive to your company. Practical, compassionate, and in places downright funny, this guide offers: Strategies on how to pinpoint and eliminate negative influences for good Illuminating case histories from major organizations A self-diagnostic test and a program to identify and keep your own "inner jerk" from coming out The No Asshole Rule is a New York Times, Wall Street Journal, USA Today and Business Week bestseller.

## Green Technology

The Closing of the American Mind, a publishing phenomenon in hardcover, is now a paperback literary event. In this acclaimed number one national best-seller, one of our country's most distinguished political philosophers argues that the social/political crisis of 20th-century America is really an intellectual crisis. Allan Bloom's sweeping analysis is essential to understanding America today. It has fired the imagination of a public ripe for change.

## The Virtuous Cyborg

Everest, the major motion picture from Universal Pictures, is set for wide release on September 18, 2015. Read The Climb, Anatoli Boukreev (portrayed by Ingvar Sigurðsson in the film) and G. Weston DeWalt's compelling account of those fateful events on Everest. In May 1996 three expeditions attempted to climb Mount Everest on the Southeast Ridge route pioneered by Sir Edmund Hillary and Tenzing Norgay in 1953. Crowded conditions slowed their progress. Late in the day twenty-three men and women-including expedition leaders Scott Fischer and Rob Hall-were caught in a ferocious blizzard. Disoriented and out of oxygen, climbers struggled to find their way down the mountain as darkness approached. Alone and climbing blind, Anatoli Boukreev brought climbers back from the edge of certain death. This new edition includes a transcript of the Mountain Madness expedition debriefing recorded five days after the tragedy, as well as G. Weston DeWalt's response to Into Thin Air author Jon Krakauer.

## Gravity's Century

'In this remarkable book, David Rowan tells a story of transformation: how an organisation has found a new way of doing things through innovation driven by ruthless entrepreneurial imagination. What is especially useful is that he does not just stick with small startups, let alone dreamy "inventors". He finds innovation in big companies and even within governments.' - Matt Ridley, The Times

David Rowan travels the globe in search of the most exciting and pioneering startups building the future. He's got to know the founders of WhatsApp, LinkedIn, Google, Spotify, Xiaomi, Didi, Nest, Twitter and countless other ambitious entrepreneurs disrupting businesses in almost every sector. And yet too often the companies they're disrupting don't get it. They think they can innovate through jargon: with talk of change agents and co-creation gurus, ideas portals and webinars, make-a-thons and hackfests, paradigm shifts and pilgrimages to Silicon Valley. It's mostly pointless innovation theatre — corporate nonsense that has little to do with delivering real change. But during this quest he's also discovered some genuinely exciting and transformative approaches to innovation, often in places you might least expect. Get ready for: · The airline that rewards passengers for walking their dog · The bank that performs surgery · The country that's an app store And many more. Packed full of tips for anyone looking for radical ways to adapt and thrive in the digital age, this carefully curated selection of stories will reveal ideas for creating genuine innovation from some of the world's most inspiring leaders.

## Daily Rituals

As a legal scholar who first argued in the early 1990s for a right to gay marriage, William N. Eskridge Jr. has been on the front lines of the debate over same-sex marriage for decades. In this book, Eskridge and his co-author, Christopher R. Riano, offer a panoramic and definitive history of America's marriage equality debate. The authors explore the deeply religious, rabidly political, frequently administrative, and pervasively constitutional features of the debate and consider all angles of its dramatic history. While giving a full account of the legal and political issues, the authors never lose sight of the personal stories of the people involved, or of the central place the right to marry holds in a person's ability to enjoy the dignity of full citizenship. This is not a triumphalist or one-sided book but a thoughtful history of how the nation wrestled with an important question of moral and legal equality.

## Inside the Black Box

Ask the questions-and get the sale. As a salesperson your product knowledge is extensive, but that's not enough. If you fail to ask the right questions-the ones that uncover a customer's real needs-you will never close the deal. Questions that Sell reveals advanced questioning techniques that will help you sell your products or services based on value to the customer, rather than price-and increase your success rate as a result. Packed with powerful examples, exercises, and hundreds of sample questions for a wide range of buyer interactions, the revised and updated second edition now includes new material on how to: Use questions to qualify prospects (without insulting them) \* Discover hidden customer needs and motivations \* Raise delicate questions \* Overcome stalls \* Reinvigorate a stale relationship \* Soothe anxious buyers \* Accelerate the decision process \* Upsell and cross-sell so you no longer leave money on the table \* Prospect for new business \* Pose intriguing questions to position yourself as a thought-leader on social media \* Turn social media contacts into active sales leads \* Identify dead-end opportunities \* Secure referrals \* And more Success is yours for the asking. Smart questioning will get you there.

## Pilgrims of Woodstock

How can we think more deeply about our travels? This was the question that inspired Emily Thomas' journey into the philosophy of travel. Part philosophical ramble, part travelogue, *The Meaning of Travel* begins in the Age of Discovery, when philosophers first started taking travel seriously. It meanders forward to consider Montaigne on otherness, John Locke on cannibals, and Henry Thoreau on wilderness. On our travels with Thomas, we discover the dark side of maps, how the philosophy of space fuelled mountain tourism, and why you should wash underwear in woodland cabins We also confront profound issues, such as the ethics of 'doom tourism' (travel to 'doomed' glaciers and coral reefs), and the effect of space travel on human significance in a leviathan universe. The first ever exploration of the places where history and philosophy meet, this book will reshape your understanding of travel.

## **AP Environmental Science Crash Course**

The mind and the body. The heavens and earth. God and animal. The speaker in God had a body considers how the image of a higher power is presented to her, beginning with a Catholic upbringing in Kentucky. Speckled with stars and peopled with creatures, these poems employ a trinity of sequences that address a present, past, and possible future—from a troubled reckoning with belief to loss and promise still ahead. In this debut collection from Jennie Malboeuf, we observe undercurrents of violence and power, the dynamics of memory, gender, marriage, and miscarriage. At times, God is brutal. At times, delicate. Through true stories of animal savagery, God had a body unravels human behavior and undoes the opaque and cryptic mysteries of faith.

### **The Climb**

A radical new management model for twenty-first century leaders Organizations today face a crisis. The crisis is of long standing and its signs are widespread. Most proposals for improving management address one element of the crisis at the expense of the others. The principles described by award-winning author Stephen Denning simultaneously inspire high productivity, continuous innovation, deep job satisfaction and client delight. Denning puts forward a fundamentally different approach to management, with seven inter-locking principles of continuous innovation: focusing the entire organization on delighting clients; working in self-organizing teams; operating in client-driven iterations; delivering value to clients with each iteration; fostering radical transparency; nurturing continuous self-improvement and communicating interactively. In sum, the principles comprise a new mental model of management. Author outlines the basic seven principles of continuous innovation The book describes more than seventy supporting practices Denning offers a rethinking of management from first principles This book is written by the author of *The Secret Language of Leadership*—a Financial Times Selection in Best Books of 2007.

## **Commercial Aircraft Propulsion and Energy Systems Research**

Nigel Warburton, bestselling author and experienced lecturer, provides all the guidance and advice you need to dramatically improve your essay-writing skills. The book opens with a discussion of why it is so important to write a good essay, and proceeds through a step-by-step exploration of exactly what you should consider to improve your essays and marks. You will find help on how to: focus on answering the question asked research and plan your essay build and sustain an argument improve your writing style and tone. *The Basics of Essay Writing* is packed full of good advice and practical exercises. Students of all ages and in every subject area will find it an easy-to-use and indispensable aid to their studies.

### **The Philosophy of Physics**

There is a competitive advantage out there, arguably more powerful than any other. Is it superior strategy? Faster innovation? Smarter employees? No, New York Times best-selling author, Patrick Lencioni, argues that the seminal difference

between successful companies and mediocre ones has little to do with what they know and how smart they are and more to do with how healthy they are. In this book, Lencioni brings together his vast experience and many of the themes cultivated in his other best-selling books and delivers a first: a cohesive and comprehensive exploration of the unique advantage organizational health provides. Simply put, an organization is healthy when it is whole, consistent and complete, when its management, operations and culture are unified. Healthy organizations outperform their counterparts, are free of politics and confusion and provide an environment where star performers never want to leave. Lencioni's first non-fiction book provides leaders with a groundbreaking, approachable model for achieving organizational health—complete with stories, tips and anecdotes from his experiences consulting to some of the nation's leading organizations. In this age of informational ubiquity and nano-second change, it is no longer enough to build a competitive advantage based on intelligence alone. The Advantage provides a foundational construct for conducting business in a new way—one that maximizes human potential and aligns the organization around a common set of principles.

### **The Art of Agile Development**

Marking the centennial of Alfred Russel Wallace's death, James Costa presents an elegant edition of the "Species Notebook" of 1855-1859, which Wallace kept during his Malay Archipelago expedition. Presented in facsimile with text transcription and annotations, this never-before-published document provides a window into the travels, trials, and genius of the co-discoverer of natural selection. In one section, headed "Note for Organic Law of Change"—a critique of geologist Charles Lyell's anti-evolutionary arguments—Wallace sketches a book he would never write, owing to the unexpected events of 1858. In that year he sent a manuscript announcing his discovery of natural selection to Charles Darwin. Lyell and the botanist Joseph Hooker proposed a joint reading at the Linnean Society of his scientific paper with Darwin's earlier private writings on the subject. Darwin would go on to publish *On the Origin of Species* in 1859, to much acclaim; pre-empted, Wallace's first book on evolution waited two decades, but by then he had abandoned his original concept. *On the Organic Law of Change* realizes in spirit Wallace's unfinished project, and asserts his stature as not only a founder of biogeography and the preeminent tropical biologist of his day but as Darwin's equal.

### **The No Asshole Rule**

Ô This book is an exceptionally interesting and well-researched analysis of one of the most important reforms in global governance that have been put into place in the wake of the global financial crisis that began in 2007. Eccleston insightfully draws on and contributes to theories of global governance, explaining the surprisingly innovative and successful aspects of the global arrangements for combating tax evasion while also highlighting their deficiencies. Ò Æ Tony Porter, McMaster University, Canada Ô In the atmosphere of fiscal emergency after the financial crisis, international tax policy has become a critical concern. There is no better guide to inter-linked political and economic challenges that result than Richard Eccleston's new book, *The Dynamics of Global Economic Governance*. Eccleston provides a detailed and authoritative guide to global tax governance

after the financial crisis, and makes a highly persuasive case that the current international tax regime is fundamentally flawed in its efforts to combat tax evasion. Õ Ð Jason Sharman, Griffith University, Australia The financial crisis that engulfed global markets in 2008 created an acute need for improved international economic cooperation. Despite the G20Õs prominent coordination role, the regulatory response to the crisis has varied considerably across governance arenas. This book focuses on international taxation and examines how the financial crisis prompted renewed attempts to enhance international tax transparency and confront tax havens. It highlights the complexity of international regime change and the significance of national and financial interests, international organizations, domestic politics and the emerging G20 leaders forum in this process. This timely book highlights the challenges in post-financial crisis global economic governance, information that will strongly appeal to scholars and graduate students in the fields of political science, international political economy, global governance, international taxation and law. Stakeholders in the international tax regime including diplomats and tax administrators, international organizations, NGO and business representatives will also find plenty of enriching information in this study.

### **Dream of a Nation**

### **Questions that Sell**

Offers practical advice on using and improving assessment for learning in the classroom.

### **God Had a Body**

Anthropologist Bruce Albert captures the poetic voice of Davi Kopenawa, shaman and spokesman for the Yanomami of the Brazilian Amazon, in this unique reading experience--a coming-of-age story, historical account, and shamanic philosophy, but most of all an impassioned plea to respect native rights and preserve the Amazon rainforest.

### **Marriage Equality**

Literary Nonfiction. Fiction. Hybrid Genre. You do everything on your smartphone and love it--you are, now and forevermore, a cyborg. But how would you know if you were a good cyborg? Game designer and philosopher Chris Bateman explores cyborg virtue through problems such as cyberbullying, "fake news," and the indifference of computers to human needs. Bateman reveals our shallow-sightedness in the face of the unfathomable complexity of our cybernetic networks. Critical yet optimistic, THE VIRTUOUS CYBORG rises to the challenge of the twenty-first century by asking us to ponder the question of what kind of cyborgs we want to become.

### **Powering the Future**

Dr. Daniel B. Botkin objectively assesses the true prospects, limitations, costs,

risks, dangers, and tradeoffs associated with every leading and emerging source of energy, including oil, natural gas, coal, hydroelectric, nuclear, wind, solar, ocean power, and biofuels. Next, Botkin addresses the energy distribution system, outlining how it currently works, identifying its inefficiencies, and reviewing options for improving it. Finally, Botkin turns to solutions, offering a realistic, scientifically and economically viable path to a sustainable, energy-independent future: one that can improve the quality of life for Americans and for people around the world.

The Future of Fossil Fuels What can we realistically expect from oil, gas, and coal? Will Alternative Energy Sources Really Matter? Running the numbers on solar, wind, biofuels, and other renewables Must We All Wear Sweaters and Live in Caves? The right role for efficiency--and why energy minimalism isn't the solution Where We Can Start--and What Will Happen if We Don't No magic bullet, but there are sensible, realistic solutions

### **Agile Project Management**

Asia must be at the center of the global fight against climate change. It is the world's most populous region, with high economic growth, a rising share of global greenhouse gas emissions, and the most vulnerability to climate risks. Its current resource- and emission-intensive growth pattern is not sustainable. This study recognizes low-carbon green growth as an imperative—not an option—for developing Asia. Asia has already started to move toward low-carbon green growth. Many emerging economies have started to use sustainable development to bring competitiveness to their industries and to serve growing green technology markets. The aim of this study is to share the experiences of emerging Asian economies and the lessons learned. The book assesses the low-carbon and green policies and practices taken by Asian countries, identifies gaps, and examines new opportunities for low-carbon green growth.

### **On the Organic Law of Change**

FOREWORD BY GUY KAWASAKI Presentation designer and internationally acclaimed communications expert Garr Reynolds, creator of the most popular Web site on presentation design and delivery on the Net — presentationzen.com — shares his experience in a provocative mix of illumination, inspiration, education, and guidance that will change the way you think about making presentations with PowerPoint or Keynote. Presentation Zen challenges the conventional wisdom of making "slide presentations" in today's world and encourages you to think differently and more creatively about the preparation, design, and delivery of your presentations. Garr shares lessons and perspectives that draw upon practical advice from the fields of communication and business. Combining solid principles of design with the tenets of Zen simplicity, this book will help you along the path to simpler, more effective presentations.

### **Closing of the American Mind**

Now a Netflix Film, Starring and Directed by Chiwetel Ejiofor of 12 Years a Slave William Kamkwamba was born in Malawi, a country where magic ruled and modern science was mystery. It was also a land withered by drought and hunger. But

William had read about windmills, and he dreamed of building one that would bring to his small village a set of luxuries that only 2 percent of Malawians could enjoy: electricity and running water. His neighbors called him misala—crazy—but William refused to let go of his dreams. With a small pile of once-forgotten science textbooks; some scrap metal, tractor parts, and bicycle halves; and an armory of curiosity and determination, he embarked on a daring plan to forge an unlikely contraption and small miracle that would change the lives around him. *The Boy Who Harnessed the Wind* is a remarkable true story about human inventiveness and its power to overcome crippling adversity. It will inspire anyone who doubts the power of one individual's ability to change his community and better the lives of those around him.

### **TinyML**

The primary human activities that release carbon dioxide (CO<sub>2</sub>) into the atmosphere are the combustion of fossil fuels (coal, natural gas, and oil) to generate electricity, the provision of energy for transportation, and as a consequence of some industrial processes. Although aviation CO<sub>2</sub> emissions only make up approximately 2.0 to 2.5 percent of total global annual CO<sub>2</sub> emissions, research to reduce CO<sub>2</sub> emissions is urgent because (1) such reductions may be legislated even as commercial air travel grows, (2) because it takes new technology a long time to propagate into and through the aviation fleet, and (3) because of the ongoing impact of global CO<sub>2</sub> emissions. Commercial Aircraft Propulsion and Energy Systems Research develops a national research agenda for reducing CO<sub>2</sub> emissions from commercial aviation. This report focuses on propulsion and energy technologies for reducing carbon emissions from large, commercial aircraft—single-aisle and twin-aisle aircraft that carry 100 or more passengers—because such aircraft account for more than 90 percent of global emissions from commercial aircraft. Moreover, while smaller aircraft also emit CO<sub>2</sub>, they make only a minor contribution to global emissions, and many technologies that reduce CO<sub>2</sub> emissions for large aircraft also apply to smaller aircraft. As commercial aviation continues to grow in terms of revenue-passenger miles and cargo ton miles, CO<sub>2</sub> emissions are expected to increase. To reduce the contribution of aviation to climate change, it is essential to improve the effectiveness of ongoing efforts to reduce emissions and initiate research into new approaches.

### **Presentation Zen**

William Styron traces the betrayals and infidelities--the heritage of spite and endlessly disappointed love--that afflict the members of a Southern family and that culminate in the suicide of the beautiful Peyton Loftis.

### **First Book of Grasses**

What do locks of Edgar Allan Poe's hair, Sylvia Plath's attractive handmade paper dolls, John Ford's Oscars, and Ian Fleming's James Bond 007 cigars have in common? They are just a few of the fascinating objects found in the world-famous Lilly Library, located on the campus of Indiana University Bloomington. In this

beautifully illustrated A-to-Z volume, Darlene J. Sadlier journeys through the library's wide-ranging collections to highlight dozens of intriguing items and the archives of which they are a part. Read about life and death masks of John Keats, Abraham Lincoln, and Theodore Dreiser; Walt Whitman's last pencil; and vintage board games, mechanical puzzles, and even comic books. Among the more peculiar items are a pair of elk teeth and an eerily realistic wall-mount bust of Boris Karloff. Sadlier writes engagingly about the Lilly Library's major historical collections, which include Civil War diaries and a panopticon of the war called the Myriopticon; War of 1812 payment receipts to spies; and the World War II letters and V-mail of journalist Ernie Pyle. This copiously illustrated, entertaining, and educational book will inspire you to take your own journey and discover for yourself the wonders of the Lilly Library.

### **The Advantage**

What makes this book by Max Planck - one of the fathers of modern physics (Nobel Prize in Physics 1918) - invaluable is that he presents his entire world view - from the nature of scientific theories (how "the world image," given by a scientific theory, relates to "the world of the senses") to the origin of scientific ideas to the growth of scientific knowledge to the role of causality in science to the interaction between science and philosophy and faith and even to the issue of why "a suitable planning of school teaching is one of the most important conditions of progress in science." A wide range of readers can benefit from reading this book - from experts and students in science and philosophy (who will be exposed to a world view that made Planck one of the greatest physicists of all time) to everyone interested in science and philosophy because the book is written for a wide audience.

### **Reinventing Fire**

Best practices for managing projects in agile environments—now updated with new techniques for larger projects Today, the pace of project management moves faster. Project management needs to become more flexible and far more responsive to customers. Using Agile Project Management (APM), project managers can achieve all these goals without compromising value, quality, or business discipline. In Agile Project Management, Second Edition, renowned agile pioneer Jim Highsmith thoroughly updates his classic guide to APM, extending and refining it to support even the largest projects and organizations. Writing for project leaders, managers, and executives at all levels, Highsmith integrates the best project management, product management, and software development practices into an overall framework designed to support unprecedented speed and mobility. The many topics added in this new edition include incorporating agile values, scaling agile projects, release planning, portfolio governance, and enhancing organizational agility. Project and business leaders will especially appreciate Highsmith's new coverage of promoting agility through performance measurements based on value, quality, and constraints. This edition's coverage includes: Understanding the agile revolution's impact on product development Recognizing when agile methods will work in project management, and when they won't Setting realistic business objectives for Agile Project Management Promoting agile values and principles across the organization Utilizing a proven Agile Enterprise Framework that encompasses governance, project and iteration

management, and technical practices Optimizing all five stages of the agile project: Envision, Speculate, Explore, Adapt, and Close Organizational and product-related processes for scaling agile to the largest projects and teams Agile project governance solutions for executives and management The “Agile Triangle”: measuring performance in ways that encourage agility instead of discouraging it The changing role of the agile project leader

### **Managing the Transition to a Low-Carbon Economy**

Oil and coal have built our civilisation, created our wealth and enriched the lives of billions. Yet their rising costs to our security, economy, health and environment are starting to outweigh their benefits. Moreover, the tipping point where alternatives work better and compete purely on cost is not decades in the future - it is here and now. And that tipping point has become the fulcrum of economic transformation. In *Reinventing Fire*, Amory Lovins and the Rocky Mountain Institute offer a new vision to revitalise business models and win the clean energy race - not forced by public policy but led by business for long-term advantage. This independent and rigorous account offers market-based solutions integrating transportation, buildings, industry and electricity. It maps pathways for running a 158%-bigger US economy in 2050 but needing no oil, no coal, no nuclear energy, one-third less natural gas and no new inventions. This transition would cost \$5 trillion less than business-as-usual - without counting fossil fuels' huge hidden costs. Whether you care most about profits and jobs, or national security, or environmental stewardship, climate, and health, *Reinventing Fire* makes sense. It's a story of astounding opportunities for creating the new energy era. -- Publisher description.

### **The Falling Sky**

Deep learning networks are getting smaller. Much smaller. The Google Assistant team can detect words with a model just 14 kilobytes in size—small enough to run on a microcontroller. With this practical book you'll enter the field of TinyML, where deep learning and embedded systems combine to make astounding things possible with tiny devices. Pete Warden and Daniel Situnayake explain how you can train models small enough to fit into any environment. Ideal for software and hardware developers who want to build embedded systems using machine learning, this guide walks you through creating a series of TinyML projects, step-by-step. No machine learning or microcontroller experience is necessary. Build a speech recognizer, a camera that detects people, and a magic wand that responds to gestures Work with Arduino and ultra-low-power microcontrollers Learn the essentials of ML and how to train your own models Train models to understand audio, image, and accelerometer data Explore TensorFlow Lite for Microcontrollers, Google's toolkit for TinyML Debug applications and provide safeguards for privacy and security Optimize latency, energy usage, and model and binary size

### **Lie Down in Darkness**

Describes ideas and solutions to some of the most important social, economic, and environmental problems facing the United States in the twenty-first century.

## **Non-Bullshit Innovation**

From Beethoven and Kafka to George Sand, Picasso and Agatha Christie, this compilation of letters, diaries and interviews reveals the profound fusion of discipline and dissipation through which the artistic temperament is allowed to evolve, recharge and emerge. 20,000 first printing.

## **Fuel for Life**

In a raucous debut that summons up Britain's fabled Goon Squad comedies, writer and philosopher Lars Iyer tells the story of someone very like himself with a "slightly more successful" friend and their journeys in search of more palatable literary conferences and better gin. One reason for their journeys: the narrator's home is slowly being taken over by a fungus that no one seems to know what to do about. Before it completely swallows his house, the narrator feels compelled to solve some major philosophical questions (such as "Why?") and the meaning of his urge to write, as well as the source of the fungus before it is too late. Or, he has to move.

## **The Meaning of Travel**

In the decades after World War II, evangelical Christianity nourished America's devotion to free markets, free trade, and free enterprise. The history of Wal-Mart uncovers a complex network that united Sun Belt entrepreneurs, evangelical employees, Christian business students, overseas missionaries, and free-market activists. Through the stories of people linked by the world's largest corporation, Bethany Moreton shows how a Christian service ethos powered capitalism at home and abroad. While industrial America was built by and for the urban North, rural Southerners comprised much of the labor, management, and consumers in the postwar service sector that raised the Sun Belt to national influence. These newcomers to the economic stage put down the plough to take up the bar-code scanner without ever passing through the assembly line. Industrial culture had been urban, modernist, sometimes radical, often Catholic and Jewish, and self-consciously international. Post-industrial culture, in contrast, spoke of Jesus with a drawl and of unions with a sneer, sang about Momma and the flag, and preached salvation in this world and the next. This extraordinary biography of Wal-Mart's world shows how a Christian pro-business movement grew from the bottom up as well as the top down, bolstering an economic vision that sanctifies corporate globalization. The author has assigned her royalties and subsidiary earnings to Interfaith Worker Justice and its local affiliate in Athens, GA, the Economic Justice Coalition.

## **Embodied Carbon**

Ron Cowen offers a sweeping account of the century of experimentation that has consistently confirmed Einstein's general theory of relativity. He shows how we got from Eddington's pivotal observations of the 1919 eclipse to the Event Horizon Telescope, aimed at starlight wrapping around the black hole at our galaxy's center.

## **The Boy Who Harnessed the Wind**

More than three billion people still burn wood, dung, coal and other traditional fuels inside their homes. It is estimated that there are more than 1.5 million deaths a year caused by the effects of indoor smoke from solid fuels, mostly young children and their mothers, whilst millions more suffer with breathing difficulties, stinging eyes and chronic respiratory disease. This publication highlights the importance of addressing this public health problem on economic development and humanitarian grounds, since making cleaner fuels and improved stoves available to millions of poor people in developing countries will help reduce child mortality and improve women's health, as well as tackle poverty and accelerate development progress.

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