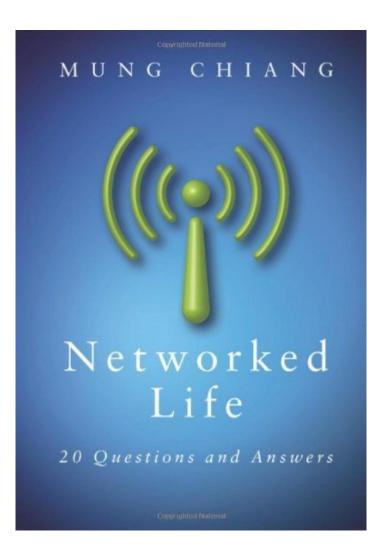
The book was found

Networked Life





Synopsis

How does Google sell ad space and rank webpages? How does Netflix recommend movies and rank products? How can you influence people on Facebook and Twitter and can you really reach anyone in six steps? Why doesn't the Internet collapse under congestion and does it have an Achilles' heel? Why are you charged per gigabyte for mobile data and how can Skype and BitTorrent be free? How are cloud services so scalable and why is WiFi slower at hotspots than at home? Driven by twenty real-world questions about our networked lives, this book explores the technology behind the multi-trillion dollar Internet and wireless industries. Providing easily understandable answers for the casually curious, alongside detailed explanations for those looking for in-depth discussion, this thought-provoking book is essential reading for students in engineering, science and economics, for network industry professionals and anyone curious about how technological and social networks really work.

Book Information

File Size: 4395 KB Print Length: 506 pages Page Numbers Source ISBN: 1107024943 Simultaneous Device Usage: Up to 4 simultaneous devices, per publisher limits Publisher: Cambridge University Press; 1 edition (September 10, 2012) Publication Date: November 29, 2012 Sold by: Â Digital Services LLC Language: English ASIN: B009ZRNT70 Text-to-Speech: Enabled Not Enabled X-Ray: Word Wise: Not Enabled Lending: Not Enabled Enhanced Typesetting: Not Enabled Best Sellers Rank: #713,543 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #182 in Books > Engineering & Transportation > Engineering > Telecommunications & Sensors > Signal Processing #483 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Telecommunications #2469 in Books > Engineering & Transportation > Engineering > Electrical & Electronics > Electronics

Customer Reviews

This textbook is based on Professor Chiang's course - Networks: Friends, Money, and Bytes which is offered at Princeton. As a student at the University, I enrolled. What I realize now more than anything is how little I knew about networking before I started. This book explores the social, economic, and technological networks that we see in our everyday lives. Each chapter poses a question that you've probably asked at one time or another: How does Google rank webpages? Why does Verizon charge me \$10/GB? And How does traffic get through the Internet?, just to give you a flavor. What's unique about this book is how each chapter is presented. Let me explain. Each chapter starts with a "short answer" section, which serves to motivate the guestion. Professor Chiang gives an overall picture of the topic at hand. Information included in these sections ranges from interesting statistics about how networks have grown, to a conceptual understanding of some of the theory behind the question. He includes a lot of analogies, too. Perhaps my favorite is when he discusses a cocktail party in the first chapter to explain the differences between three communication technologies. Regardless of your background, you could probably read these short answer sections and understand a good portion of them. The only prerequisite here is a desire to learn. Then, each chapter has a "long answer" section, which goes into more detail about how to "answer" the question. These sections tend to include more applied mathematics, and give the reader a strong understanding of how theory is used in practice. The topics here range from an explanation of the fundamental routing protocols that hold the Internet together, to the mathematics behind Google's PageRank algorithm.

This is a tough book to review. On the one hand I want to give it one star and on the other hand I want to give it five stars. Let me explain. The problem is the way that the book is being marketed. In part the description for the book on states, "How does Netflix recommend movies and rank products?... Driven by twenty real-world questions about our networked lives, this book explores the technology behind the multi-trillion dollar Internet and wireless industries. Providing easilyunderstandable answers for the casually curious... for network industry professionals and anyone curious about how technological and social networks really work."Being "casually curious" I ordered the book and was expecting something along the lines of Freakonomics or Malcolm Gladwell's Tipping Point or Outliers, etc. Something that a reasonably intelligent person could understand without being a mathematician or engineer. But that's not what I got and that's not what the book is. The book is a textbook complete with homework assignments.An example: Most people have heard of "Six Degrees of Separation" and maybe even seen the movie where the idea was

prominent, or played around with the six degress of Kevin Bacon or Brad Pitt websites - now that's casual. The author explores this topic in Chapter 9 entitled "Can I really reach anyone in six steps?" and gives what he calls first a short answer to this question (as he does the other 19 questions in the book in each of their respective chapters) but even those short answers are formal and not at all casual. A portion of the short answer from this chapter reads: "That concerned only with the existence of short paths from local information.

Download to continue reading...

Networked Life Multiplayer Game Programming: Architecting Networked Games (Game Design) Handbook of Networked and Embedded Control Systems (Control Engineering) Beyond E-Business: Towards networked structures Spreadable Media: Creating Value and Meaning in a Networked Culture (Postmillennial Pop) by Jenkins, Henry, Ford, Sam, Green, Joshua (2013) Party On!: Political Parties from Hamilton and Jefferson to Today's Networked Age Life Coaching: Life Coaching Blueprint: Save A Life One Person At A Time (BONUS 30MINUTE Life Coaching Session- How To Motivate, Inspire, Change Your Life) Life Coaching: Complete Blueprint to Becoming a Powerful Influential Life Coach (Life coaching, Life improvement, positive thinking, coaching, better leadership, goals, consulting) Evernote for your Life | A Practical Guide for the Use of Evernote in Your Everyday Life [2014 Edition]: A Practical Guide for the Use of Evernote in Your Everyday Life Change Your Habits Change Your Life: Break Your Bad Habits, Break Your Addictions And Live A Better Life (Change Your Life, Stop Smoking, Stop Drinking, Stop Gambling, Stop Overeating) The Autobiography of Emperor Haile Sellassie I: King of Kings of All Ethiopia and Lord of All Lords (My Life and Ethiopia's Progress) (My Life and ... (My Life and Ethiopia's Progress (Paperback)) Stoic Six Pack 5 - The Cynics: An Introduction to Cynic Philosophy, The Moral Sayings of Publius Syrus, Life of Antisthenes, The Symposium (Book IV), Life of Diogenes and Life of Crates (Illustrated) Summary - The Immortal Life Of Henrietta Lacks: Novel By Rebecca Skloot --An Incredible Summary! (The Immortal Life Of Henrietta Lacks: An Incredible Summary --- Immortal Life) Take Back Your Life: 103 Highly-Effective Strategies to Snuff Out a Narcissist's Gaslighting and Enjoy the Happy Life You Really Deserve (Detoxifying Your Life) 30 Life Principles (Life Principles Study) Being Church, Doing Life: Creating Gospel Communities Where Life Happens Evernote In 90 Minutes Or Less: Declutter and organize your life by going completely paperless (Life Hacks Book 1) Programmierung Game of Life: Game of Life mit Delphi 5.0 (German Edition) Simple Life: Declutter Challenge - Cleaning & Organizing Your Life with Feng Shui (For Health, Happiness, Less Stuff, Cleaner Home, More Money) by New Free World Books The South Beach Diet Wake-Up Call: 7 Real-Life Strategies for Living Your Healthiest Life Ever

<u>Dmca</u>