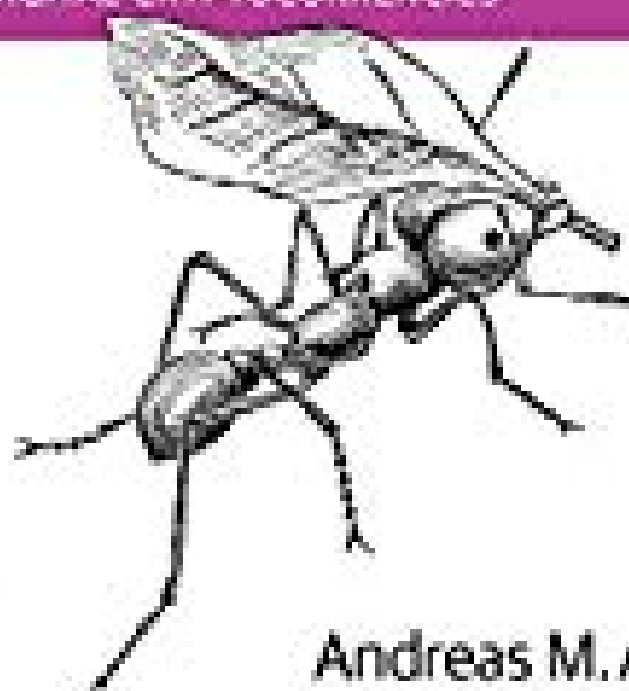


O'REILLY



# Mastering Bitcoin

UNLOCKING DIGITAL CRYPTOCURRENCIES



Andreas M. Antonopoulos

Andreas M. Antonopoulos

# Mastering Bitcoin: Unlocking Digital Cryptocurrencies



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Mastering Bitcoin is vital reading for everyone thinking about learning about bitcoin basics, the technical operation of bitcoin, or if you are building another great bitcoin killer app or business. From utilizing a bitcoin wallet to buy a sit down elsewhere, to running a bitcoin marketplace with hundreds of thousands of transactions, or collaboratively building fresh financial innovations which will transform our understanding of currency and credit, this reserve can help you engineer cash. You're going to unlock the API to a new economy. Mastering Bitcoin can help you become component of this vibrant new overall economy. This book can help you learn everything you need to learn about decentralized digital money, which is among the most exciting technical revolutions in years. Just as the web has transformed a large number of industries - from mass media and entertainment to retailing, travel and many more - decentralized digital cash, by means of crypto-currencies, has the capacity to transform the foundations of cash, credit and financial services. Mastering Bitcoin describes the technical foundations of bitcoin and other cryptographic currencies, from cryptography fundamentals, such as keys and addresses, to the info structures, network protocols and the consensus system (" The remainder of the publication dives in to the technical information on bitcoin's procedure and is aimed at professional designers, engineers, software program and systems architects, systems administrators and technically-minded people interested in the inner workings of bitcoin and comparable crypto-currencies. It also has the capacity to transform other public activities and organizations that we don't usually associate straight with cash, such as corporations, governance, voting and the law. Both fresh and established companies are adding bitcoin as a payment method, and investors are financing a flurry of new bitcoin and related startups.) that underpin bitcoin. Each specialized topic is explained with user tales, elegant analogies and good examples, and code snippets illustrating the key concepts. The 1st two chapters provide a broad and available introduction to bitcoin that is intended for all audiences, from fresh nontechnical users to investors and business executives wanting to better understand bitcoin. As the 1st effective digital currency, bitcoin is the natural starting point for anyone thinking about decentralized digital money, its implications and applications. Mastering Bitcoin is intended to be utilized as a reference reserve for technical experts, as a self-study guidebook for bitcoin entrepreneurs, and as a textbook for university programs on bitcoin and digital currencies. Bitcoin is still in its infancy, and yet it has already spawned a multi-billion dollar, global economy that is developing exponentially. mining"

This reserve is your key. Enough time to get began is now.



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Solid I just finished reading this after hearing Antonopoulos on the Joe Rogan Knowledge podcast. It is exceptional and if you would like to learn Bitcoin, this is a great place to begin.g.. This is actually the best book out there if you really want to . This book is a reasonably rigorous, detailed and technical introduction to Bitcoin (and by implication Blockchain). it seems suitable for a technologist looking for a level 200 technical . Also recommended for novices in the space, just skip a few of the deeper code stuff. The online version of the reserve (free) is actually better because of this. Finally, it lacks motivation for why the process is structured as it is. For instance, it's not really clear here why Proof Work is necessary. This website post does a much better job:[http://www. Good for beginner and advanced.org/ddi/how-the-bitcoin-protocol-actually-works/](http://www.Goodforbeginnerandadvanced.org/ddi/how-the-bitcoin-protocol-actually-works/)Otherwise, perfectly researched and clearly written. Also, the text assumes the graphics are in color however they are not... The first few chapters are hard to understand without having a wide understanding of Bitcoin currently.This is simply not a book focused on the economic, societal, or business implications. Rather, it seems suitable for a technologist searching for an even 200 technical introduction. You won't be,an expert without hands on exposure. It is possible to end up being technically articulate in Bitcoin/Blockchain. The best bitcoin reference but does lack depth in some areas Exceptional coverage of bitcoin. A lot of hand waving heading on. The conversation of elliptic curves was particularly poor (fig 4.4 etc) and frequently security/encryption techniques are left dangling (e. It certainly shines when he goes into detail of how exactly to use open source code to noodle around with the blockchain and the client. RIPEMD160 etc ). The reason behind 4 stars rather than five is certainly that the explanations are occasionally not great. Excellent explanation Very sharp explanation with a lot of details. In any case, I purchased a few additional references which cover cryptography in detail to fill up the gap. Overall, that is probably the best single reference on bitcoin and a great place to begin digging deeper . It isn't perfect though. Excellent Resource ! looking forward to second edition. Very Readable I read the majority of this book in one marathon sitting just how I used to read Harry Potter as a little kid. Probably this book's super obviously written or possibly Antonopoulos's interviews on the Joe Rogan Experience turned me into a bitcoin fanatic who's simply ravenous for just about any scrap of bitcoin details I can get my practical.. I've no intention to write programs that manipulate bitcoin but I found the ability to understand the technology from a coder's perspective to be very helpful. It really is coherent, well organized, technically accurate, and offers a wealth of external resources that may continue to improve the reader's understanding of the area. Highly recommended for anybody attempting to understand

Bitcoin at a deep level. This makes it hard to follow a few of the illustrations. The book is well crafted enough so that a good novice will gain significant understanding from it. Essential read for blockchain developers Andreas really knows what he is discussing. This book goes from intro into the deep end of the code. It shows you things like 51% attack and additional topics which commonly comes up in blockchain development. I thoroughly enjoyed this book I thoroughly enjoyed this book. This book is a joy to utilize. The order of it feels reversed.. However, be careful youll be forced to force the bounds of your understanding at times and really stretch yourself to grow. This is actually the best book available if you actually want to know the nuts and bolts of Bitcoin and the Blockchain. If you are serious about understanding the technology, this is actually the only book you will require. Well written and rather easy to follow. Very clear I love it as the description is getting right down to the technology itself and simply describing the concept. blockchain Extremely informative and well written, easy to understand.!. This is an excellent technical book and is also easy to read This is an excellent technical book and can be easy to read. Looking forward to the next one on ethereum that they are making Good book for both the technical and nontechnical Good book for both technical and nontechnical. After reading this, you will have a solid knowledge of the inner-workings as well as the economics of bitcoin. Excellent book for learning about digital currency and. Recommended ! A lot of dialogue of "what" but very sparse on the "why".michaelnielsen. clear rather easy to understant there is normally all had a need to use protect .!. clear rather easy to understant there is normally all needed to use protect and use bitcoins (we am not English speaking) Well written but a tiny bit too technical I recommend this reserve as a reference manual for just about any crypto enthusiast..

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