# Cybersecurity and Cyberwar: What Everyone Needs to Know▯

To Download this book in many format Visit :

https://wocoentala.org/source1/3ba0c30c0e7cf2397b41e2520193b382

A generation ago, "cyberspace" was just a term from science fiction, used to describe the nascent network of computers linking a few university labs. Today, our entire modern way of life, from communication to commerce to conflict, fundamentally depends on the Internet. And the cybersecurity issues that result challenge literally everyone: politicians wrestling with everything from cybercrime to online freedom; generals protecting the nation from new forms of attack, while planning new cyberwars; business executives defending firms from once unimaginable threats, and looking to make money off of them; lawyers and ethicists building new frameworks for right and wrong. Most of all, cybersecurity issues affect us as individuals. We face new questions in everything from our rights and responsibilities as citizens of both the online and real world to simply how to protect ourselves and our families from a new type of danger. And yet, there is perhaps no issue that has grown so important, so quickly, and that touches so many, that remains so poorly understood.

In Cybersecurity and CyberWar: What Everyone Needs to Know, New York Times best-selling author P. W. Singer and noted cyber expert Allan Friedman team up to provide the kind of easy-to-read, yet deeply informative resource book that has been missing on this crucial issue of 21st century life. Written in a lively, accessible style, filled with engaging stories and illustrative anecdotes, the book is structured around the key question areas of cyberspace and its security: how it all works, why it all matters, and what can we do? Along the way, they take readers on a tour of the important (and entertaining) issues and characters of cybersecurity, from the "Anonymous" hacker group and the Stuxnet computer virus to the new cyber units of the Chinese and U.S. militaries. Cybersecurity and CyberWar: What Everyone Needs to Know is the definitive account on the subject for us all, which comes not a moment too soon.

What Everyone Needs to Know is a registered trademark of Oxford University Press.

WHAT EVERYONE NEEDS TO KNOW About This Series

Who it's for:

Busy people with diverse interests, ranging from college students to professionals, who wish to inform themselves in a succinct yet authoritative manner about a particular topic.

What's inside:

An incisive approach to a complex and timely issue, laid out in a straight-forward, question-and-answer format.

Meet Our Authors

Top experts in their given fields, ranging from an Economist correspondent to a director at the Council on Foreign Relations, you can trust our authors' expertise and guidance.

Popular Topics in the "What Everyone Needs to Know" Series

>> International Politics
>> Environmental Policies
>> World History
>> Sciences & Math
>> Religion & Spirituality

## P.W. Singer

is Director of the Center for 21st Century Security and Intelligence at the Brookings Institution.

## Allan Friedman

is a Visiting Scholar at the Cyber Security Policy Research Institute, School of Engineering and Applied Sciences at George Washington University.

Other Books
Cyber Security Auditing, Assurance, and Awareness Through CSAM and CATRAM, With the continued progression of technologies such as mobile computing and the internet of things (IoT), cybersecurity has swiftly risen to a prominent field of global interest. This has led to cyberattacks and cybercrime becoming much more sophisticated to a point where cybersecurity can no longer be the exclusive responsibility of an organization's information technology (IT) unit. Cyber warfare is becoming a national issue and causing various governments to reevaluate the current defense strategies they have in place. Cyber Security Auditing, Assurance, and Awareness Through CSAM and CATRAM provides emerging research exploring the practical aspects of reassessing current cybersecurity measures within organizations and international governments and improving upon them using audit and awareness training models, specifically the Cybersecurity Audit Model (CSAM) and the Cybersecurity Awareness Training Model (CATRAM). The book presents multi-case studies on the development and validation of these models and frameworks and analyzes their implementation and ability to sustain and audit national cybersecurity strategies. Featuring coverage on a broad range of topics such as forensic analysis, digital evidence, and incident management, this book is ideally designed for researchers, developers, policymakers, government officials, strategists, security professionals, educators, security analysts, auditors, and students seeking current research on developing training models within cybersecurity management and awareness.
▯ ▯ ▯ ▯ ▯ . Cyber Warfare: Challenges within the Cyber domain. European Journal of Public Order and National Security, 12(4), 7-16. Singer, P., & Friedman, A. (2014). Cybersecurity and Cyberwar: What everyone needs to know . Oxford University Press."