Schaum's Outline Of Computer Networking

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Synopsis
Schaum’s Outline of Computer Networking introduces the underlying concepts, principles, and terminology of computer networks. Covering the full scope of material taught in computer networking courses, this problem-solved approach presents the different components of a network and shows how these components fit together as well as explaining the varied harmonizing functions needed for the interconnection of many heterogeneous computer networks.

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Customer Reviews
I was very disappointed in both the layout and content of this Schaum’s outline. Unlike most other Schaum’s outlines that are well-written by authors who appear to know their subject matter, this one seems to be written by someone who does not understand what a student is looking for in an outline on computer networking and doesn’t seem to know the subject matter that well either. For example, the first chapter, entitled "Data Communications", launches into a discussion of communication theory including wave division multiplexing, time division multiplexing, bandwidths for various applications, and modulation techniques. This is going to be very confusing to the average computer science student who has probably picked up this book to learn about the architecture of computer networks and instead begins his or her studies by reading a poorly written chapter on senior-level electrical engineering communication theory topics. To top it all off, the illustrations don’t even make sense. For example, on page 5 there is a figure labeled "Typical Wave Division
Multiplexing System”. This figure consists of nothing more than 4 computers and two multiplexing devices with no connections shown. I'm sure if I was told to install a multiplexing system and this is what I gave the client, I would surely either be fired or promoted to management. The entire book is like this. Rather than take the typical approach and explain network architectures in the context of the seven layer OSI model or some derivative thereof, the author just launches into discussions of miscellaneous topics without tying them all together in some kind of structure. For example, the chapter on multiple access is just plain baffling.

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