



## Computer Structure and Logic (Hardback)

By David L. Prowse

Pearson Education (US), United States, 2014. Hardback. Condition: New. 2nd edition. Language: English . Brand New Book. Computer Structure and Logic, Second Edition gives you a complete overview of modern computer technology, from desktop and laptop PCs to mobile devices, hardware to operating systems, basic security to networking. Requiring no previous knowledge of computers, this textbook helps you build your knowledge and hands-on skills one easy step at a time. The book starts by reviewing the history of computing and explaining what nearly all modern computers have in common, whether they are immensely powerful supercomputers, personal computers, or even smartphones. Next, it explains how computers process information, how hardware components are brought together in a working computer, and what happens behind the scenes when you turn on a computer. Building on this essential hardware knowledge, the book then turns to software. You learn how modern operating systems, such as Windows, Linux, and Android, work and how operating systems are organized, configured, and managed. You then learn how computers can be connected into networks such as the Internet, and how networked computers communicate using shared protocols such as TCP/IP. Computer Structure and Logic introduces modern innovations that...



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