

The image is a composite of several photographs. At the top left is a close-up of a hard drive platter with a yellow and orange background. To the right is a stack of papers with binary code. Below the hard drive is a green book cover with the title 'COMPUTER SYSTEMS' and subtitle 'A PROGRAMMER'S PERSPECTIVE'. In the bottom right is a person's hands typing on a white laptop keyboard. On the far left, there are two vertical columns of binary code.

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СА ФОРТ Computer Communication
and Systems

COMPUTER SYSTEMS

A PROGRAMMER'S PERSPECTIVE

BRYANT • O'HALLARON

Computer Systems A Programmers Perspective 2nd Edition

Hassan A. Farhat

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Proceedings of the 2nd Forum on International Collaborative Academic Programs (FICAP-2) Stephen J. Thorpe,

Essentials of computing systems João M. Fernandes , 2022-02-22 Computers were invented to compute i e to solve all sort of mathematical problems A computer system contains hardware and systems software that work together to run software applications The underlying concepts that support the construction of a computer are relatively stable In fact almost all computer systems have a similar organization i e their hardware and software components are arranged in hierarchical layers or levels and perform similar functions This book is written for programmers and software engineers who want to understand how the components of a computer work and how they affect the correctness and performance of their programs

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