HARVARD
John A. Paulson
School of Engineering
and Applied Sciences

THE UNOFFICIAL GUIDE TO

COMPUTER SCIENCE @ HARVARD

VERSION 28

HARVARDCS.INFO

DESIGNED BY CS50

Haven't taken CS50 yet?
Visit **cs50.harvard.edu/college** *for FAQs.*

Life after 50

You can head off in all sorts of directions after CS50, but here are some popular routes. See **Computer Science** in the *Fields of Concentration* for prerequisites and **https://harvardcs.info** for further information.

FALL

SPRING

CS1480
Design of VLSI Circuits and Systems

CS1411
Computer Architecture

CS37
Incentives in the Wild: from Tanking in Sports to Mining Cryptocurrencies

CS73
Code, Data, and Art

CS1050
Privacy and Technology

CS1090A
Introduction to Data Science

CS1090B
Advanced Topics in Data Science

CS1260
Fairness and Privacy: Perspectives of Law and Probability

CS1240
Data Structures and Algorithms

CS1410
Computing Hardware

CS1070
Systems Development for Computational Science

CS1710
Visualization

CS79
Design of Useful and Usable Interactive Systems

CS1200
Introduction to Algorithms and their Limitations

CS20
Discrete Mathematics for Computer Science

CS50

CS1280
Convex Optimization and Applications in Machine Learning

CS1910
Classics of Computer Science

CS1450
Networking at Scale

CS1210
Introduction to Theoretical Computer Science

CS1870
Introduction to Computational Linguistics and Natural-language Processing

CS1840
Reinforcement Learning

CS96
System Design Projects

CS61
System Programming & Machine Organization

CS1650
Data Systems

CS1810
Machine Learning

CS1360
Economics and Computation

CS51
Abstraction and Design in Computation

CS1530
Compilers

CS1610
Operating Systems

CS1270
Cryptography

CS1520
Programming Languages

CS1750
Computer Graphics

CS1780
Engineering Usable Interactive Systems