HARVARD
John A. Paulson
School of Engineering
and Applied Sciences

THE UNOFFICIAL GUIDE TO

COMPUTER SCIENCE @ HARVARD

CS50.HARVARD.EDU/GUIDE

HARVARDCS.INFO

DESIGNED BY CS50

Haven't taken CS50 yet?
Visit **cs50.harvard.edu** *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 *Courses of Instruction* for prerequisites and **https://harvardcs.info** for further information.

| FALL |
| SPRING |

CS148
Design of VLSI
Circuits and Systems

CS146
Computer
Architecture

CS134
Networks

CS108
Intelligent Systems:
Design and Ethical
Challenges

CS105
Privacy and
Technology

CS109a
Introduction to
Data Science

CS109b
Advanced Topics in
Data Science

CS126
Fairness, Privacy, and
Validity in Data Analysis

CS124
Data Structures
and Algorithms

CS141
Computing
Hardware

CS100
Software Engineering in
the Arts and Humanities

CS171
Visualization

CS179
Design of Usable
Interactive Systems

CS20
Discrete Mathematics
for Computer Science

CS50

CS143
Computer Networks

CS191
Classics of
Computer Science

CS145
Cloud Networking and
Computing

CS121
Introduction to Theoretical
Computer Science

CS187
Computational
Linguistics

CS144r
Networks
Design Projects

CS96
System Design Projects

CS61
System Programming &
Machine Organization

CS165
Data Systems

CS127
Cryptography

CS181
Machine Learning

CS182
Artificial Intelligence

CS51
Abstraction and Design
in Computation

CS153
Compilers

CS161
Operating Systems

CS136
Economics and
Computation

CS189
Autonomous
Robot Systems

CS152
Programming
Languages

CS175
Computer Graphics