What Can I Do With a Major in COMPUTER SCIENCE?

Below is a list of job titles, employers and graduate schools that Harvey Mudd College computer science alumni have chosen in the last five years.

Job Titles

Associate Consultant
Associate Software Engineer
Biological Data Technician
Design Engineer
Developer
Game Programmer
Independent Contractor
Information Security Engineer
LAMP Web Developer
Product Development
  Engineer
Program Manager
Programmer
Quality Assurance Engineer
Software Design Engineer in
  Test (SDET)
Software Developer
Software Engineer
Software Innovator
Technology Analyst
Trader

Graduate Schools

Carnegie Mellon University
Claremont Graduate University
Cornell University
Georgia Institute of Technology
Northwestern University
Texas A&M University
University of California, Berkeley
University of California, Davis
University of California, Irvine
University of California, San Diego
University of California, Santa
Barbara
University of Chicago
University of Southern California
University of Washington

Employers

2Advanced
  Studios
Advanced Micro
  Devices Inc.
Amazon.com
Apatite to Zircon
  Inc.
Apple Inc.
athenahealth Inc.
Bain & Company
Blizzard
  Entertainment
Cisco Meraki
Citigroup Inc.
compLexity
  Gaming
Creative Electron
  Inc.
DIRECTV
DreamHost
Engrade
Epic
Expedia Inc.
Facebook Inc.
Factual Inc.
Gaikai
GameChanger Media
Genius.com
Google
Green Hills
  Software
Harvey Mudd
  College
Hulu
IMC Financial
  Markets
Intuit Inc.
iRise

J.P. Morgan
KLA-Tencor
  Corporation
Laserfiche
LinkedIn
Microsoft
Nextdoor.com
Nocturnal Studio
Originate Inc.
Pandora Media
Pivotal Labs
QAD
Quantcast
Quixey
Rapid7
Room 77
SOASTA Inc.
SpaceX
Spot Trading LLC
Teradata
  Corporation
The MITRE
  Corporation
Twitter Inc.
United States
  Department of
  Defense
University of
  California, Santa
  Cruz
Upthere
ViaSat
Yahoo! Inc.
Yelp Inc.
zulily

Starting Salary Summary

High Salary Range
$110,000 – 119,999
Low Salary Range
>40,000
Median Salary Range
$110,000 – 119,999

Summer Employers

American Express
Applied Communication Sciences*
athenahealth
Bloomberg
Dart Science
Epic
Facebook*
Flitto
Google*
I.B.I.S.*
idTech
Intentional Software
Intuit
Hulu
Laserfiche
Microsoft*
OSIsoft
Originate Labs*
Pandora
Pixar
Pure Storage
Quantcast
Salesforce
Spot Trading
Viasat
VMware
Yelp
companies that hired for first-year students

Average Summer Wages

First-year
$17.50/hour
Sophomore
$23/hour
Junior
$34/hour

Here are just a few areas that may interest a computer science major.

Area	Employers
PROGRAMMING	Software and computer companies
Systems	Banks, retail chains and manufacturers
Scientific applications	Government agencies
Business application (intelligence,	Management consulting firms
warehousing, information delivery and	Contract and temporary employers
maintenance)	Research laboratories
Project Management	Colleges and universities
SYSTEMS DEVELOPMENT	Local, state and federal government
Analysis	Banks and financial institutions
Design	Insurance companies
Support	Consulting firms
Quality assurance	Manufacturers
Specialty systems (database, client-server,expert)	Computer companies
	Research institutions
INTERNET	Online service providers
Programming	Computer/equipment vendors
Software design	Internet-related companies (browsers, search engines,
Systems analysis	website design services)
Hardware production	Large businesses
Web page design	

What You Can Do Now
- Having related experience is critical to most employers that hire computer science majors. Obtaining an internship or part-time job in a relevant area will increase employability.
- Develop strong interpersonal, communication and other "soft skills." Learn to work well on a team and to meet deadlines.
- Develop attention to detail and a flair for creativity.
- Take additional courses in business, science or engineering.
- Obtain vendor-specific certifications or networking certifications to gain a competitive edge.
- Stay current in programming languages.
- Realize that programming and consulting may go hand-in-hand.
- Join related professional organizations.

What You Can Do After Graduation
- An undergraduate degree will qualify applicants for positions in programming, systems/software development and a variety of computer-related areas.
- A master's degree or an MBA is needed for upper-level positions.
- An advanced degree will qualify applicants for academic and management positions.
- Seek the Certified Computing Professional designation by completing a series of exams and experiential requirements.