

# What Can I Do With a Major in Computer Science?



Harvey Mudd College computer science alumni went on to the following organizations and universities between 2021 and 2025.

## Job Titles

AI/ML Engineer	Entry Level Software Engineer	Junior Developer	Sales Engineer	Engineer
Associate Data Engineer	Environmental Protection Specialist	Junior Software Engineer	Schmidt Scholar	Software Engineer
Associate Product Manager	Full Stack Engineer	Program Manager	Security Engineer	Systems Development Engineer
Associate Software Engineer	IOT Specialist	Reliability Engineer	Senior Software Engineer	
Developer	IT Operations Engineer	Research Contractor	Software Developer	
Engineer		Robotics Software Engineer	Software Development	

## Employers

Ab Initio	Cisco	Google	Microsoft	ServiceNow
Affirm	Clear Street	Grant Street Group	Netflix	Stripe
Amazon	Cognex	Gusto	Nike	Tennessee Valley Authority
Amazon Web Services	Cognizant	Hive AI	Nutshell Labs	The Trade Desk
American Express	Cruise LLC	InterSystems	Palantir Technologies	Trellisware Technologies
Arete Associates	Diderot	L3Harris	Parallel Systems	Twilio
Arista Networks	Dropbox	Laserfiche	Pinterest	U.S. Department of Transportation
Asana	Duolingo	LinkedIn	Plaid	Walmart
Aspiration	Dusty Robotics	Machine Intelligence Research Institute	Pure Storage	Warner Bros Discovery
Atlassia	EKN Engineering	MathWorks	Pylon	Watershed
Blizzard	Expedia Group	MatX	Remitly Inc.	Webflow
Bloomberg	ExtraHop	Maxar	Salesforce	
Boeing	F5	McMaster-Carr	Samba TV	
Caltech	Facebook	Meta	SAP	
Charter Communications	Forward		Seizmic Inc.	

## Graduate Schools

Carnegie Mellon University	Massachusetts Institute of Technology	Purdue University	University of Southern California
Cornell University	New York University	UCLA	York University
Leeds Beckett University		UC Santa Cruz	

## Summer Employers

Amazon*	Bloomberg	Dell Technologies	GE Healthcare	JPT Group Inc.
American Express	BluOasis	Deloitte*	Genentech	Juniper Networks
Apple	BNSF Railway	Dotdash	General Atomics*	Kind Systems
Applied Materials	BNY Mellon	Dropbox	Google*	King Abdullah University of Science and Technology
Aquilius	Buffet Co Inc.	Dusty Robotics	GoSchoolBox	Kinjo Inc.
ArrowMark Partners	Canoe Intelligence	Eltropy Inc.	Gusto	L3Harris
Asana	Capital One	Esri	Halcyon Productions	Lam Research
Atlassian	Carnegie Mellon University REU*	Estee Lauder Companies	Hecate Software Inc..	Laserfiche
Audible	Caterpillar Inc.	Extrahop	Heliogen	Lawrence Berkeley National Lab
Aurigo Software	CBT Nuggets*	F5	InReach	Liferay
Autonomic	CollectGen Inc.	Facebook/Meta*	Instamed	LinkedIn
Axonics	Cerebras Systems	Fidelity Investments	International Council on Clean Transportation	Los Angeles Dodgers
Bank of America	Charter Communications	Flume	InterSystems*	Machine Intelligence Research Institute
Bay Area Discovery Museum	Coinhako*	Flycoion	inVia Robotics	Masimo
Bessemer Venture Partners	Colorado School of Mines REU	Forma Technologies Inc..	Jamf	Massachusetts Institute of Technology*
BlackRock	Crabel Capital Management	Fred Hutch Cancer Research Center*	Jane Street*	
Blacktop Government Solutions	CrossFlow Technologies	Game Composites*	JPMorgan and Chase	
Blizzard Entertainment				

## Summer Employers

Maxar	Northrop Grumman*	Roblox	The Aerospace Corporation	Vertex Pharmaceuticals*
Medtronic	OurCo	Rossi Labs*	The Trade Desk*	Viasat*
Megalayer	Palantir Technologies	SAIC	The Walt Disney Company	Virginia Tech REU
Memorial Sloan Kettering Cancer Center	Parallel Systems	Salesforce	theCoderSchool	Walmart
Microsoft*	Plunk	SECOM.ltd	Toyon Research Corporation	Warner Bros Discovery
MPCA	Pure Storage	Servicenow*	Twilio	Williams College
MSD Capital	Qualtrics	Slalom Consulting*	Uber	Yale University
Multitech Systems	Rapid7	Social Finance Inc.	Uber ATG	Yelp
Nepal Mega College	Raytheon	Soot.com*	UC San Diego REU*	Zillow
Niantic	Remitly Inc.	Sponsors for Educational Opportunity (SEO)	UCLA REU	Zoom
Nike	Revorf	St Tony	UCSD REU	
Nintendo of America	RJ Reliance	Stripe*	University of Southern California REU	<i>*companies that hired first-year students</i>
Nordstrom	Roble Ventures	Tennessee Valley Authority	Vectra AI	

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

### Area

### Employers

#### PROGRAMMING

Systems  
Scientific applications  
Business application (intelligence, warehousing, information delivery and maintenance)  
Project management

Software and computer companies  
Banks, retail chains and manufacturers  
Government agencies  
Management consulting firms  
Contract and temporary employers  
Research laboratories  
Colleges and universities

#### SYSTEMS DEVELOPMENT

Analysis  
Design  
Support  
Quality assurance  
Specialty systems (database, client-server, expert)

Local, state and federal government  
Banks and financial institutions  
Insurance companies  
Consulting firms  
Manufacturers  
Computer companies  
Research institutions

#### INTERNET

Programming  
Software design  
Systems analysis  
Hardware production  
Web page design

Online service providers  
Computer/equipment vendors  
Internet-related companies (browsers, search engines, website design services)  
Large businesses

### 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.

