

COMPUTER SCIENCE

Computer science is about exploring and creating solutions to complex problems. Computer science students will study computational methods for solving problems by encoding, storing, tracking, and transforming information. Students learn the theory, architecture, and applications of computers and how to process information and design software to perform specific functions. As a career path, the field is rapidly growing and offers a plethora of opportunities.

Factors of success:

Engagement
with the CSU
Career Center

Internship or
research
involvement

On campus
employment

GPA

Additional resources:

- What Can I Do With This Major?
<https://col.st/430hE>
- Learn about possible occupations involving Computer Science
<https://col.st/lGy9i>
- Learn more about careers in Computer Science from a professional association:
<https://www.acm.org/>
- Learn more about current opportunities in Computer Science: <https://col.st/Hz6gW>



Common employers

- Amazon
- Charles Schwab
- Google
- Hewlett Packard Enterprise
- Lockheed Martin
- Madwire
- Microsoft
- YouSeeU

Common job titles

- IT Analyst
- Quality Assurance Engineer
- Software Engineer
- Systems Engineer
- Technical Support Engineer
- Functional Consultant
- Information Administrator
- Product Support Consultant

Scan the QR code to access the online version:



<https://col.st/mHIG0>



CAREER CHECKLIST

Year 1

- Go to the Career Center's drop-in hours or schedule an appointment
- Log into Handshake, the CSU Career Center's online location for on-campus jobs, internships, and careers. Find an on-campus job and work for 10+ hrs/week
- Join a student organization relevant to Computer Science:
<https://col.st/KuCJ7>

Year 2

- Go to the Career Center to discuss job/internship search strategies, create a resume and write a cover letter and tips for interviewing
- Apply for summer internships or research opportunities related to Computer Science

Year 3

- Run for a leadership role in a student organization
- Update your resume and/or cover letter for internships or on-campus jobs
- Apply for undergraduate internships: **<https://col.st/Hz6gW>**
- Learn about graduate school options in the Department of Computer Science

Year 4+

- Present research at CSU
- Attend many networking events to meet employers
- Ask three professors and/or employers to be professional references
- Meet with Career Center to prepare for the job search or graduate school applications and to update your resume and/or cover letter

Alums

- You may continue to use the Career Center for guidance! All services are still available to you at no cost for one year after graduation and for a small fee after that.

