

Computer Science & Technology | Industry Guide

Overview

Technology is critical to all industries. Technical skills open doors not only to jobs with tech firms, but also with financial companies, biotech startups, manufacturers, and more! In fact, **60%+ of job offers for recent UChicago Computer Science graduates came from industries outside tech**. New graduates enter computer science roles with a typical salary range between \$70,000 - \$100,000.

FIRST THINGS FIRST

Get started with these resources and stay up-to-date on computer science and tech events and internships!

- **Explore Metcalf opportunities in Handshake** to find paid, substantive internships around the world.
- **Sign up for Career Advancement's Computer Science newsletter** to get regular updates on events and opportunities.
- **To subscribe to Career Advancement's events calendar**, copy this calendar feed URL and add to any calendar application. Contact Career Advancement with any questions.

TRY IT OUT

Short-term experiences are a great way to explore career paths, start building your resume, and meet mentors.

- **Job shadow** with an alum working in software engineering, data analytics, or product management.
 - **Winter Break Job Shadowing (December 15-19):** Apply by November 10
 - **Spring Break Job Shadowing (March 16-20):** Apply by February 17
- **Apply for a Computer Science career trek** to meet employers and learn about opportunities. Upcoming treks include trips to San Francisco, CA and Los Angeles, CA.
 - **Winter Break Treks (December 15-19):** Apply by October 13
 - **Spring Break Treks (March 16-20):** Apply by January 20
- Apply to participate in the Winter **Careers in CS Tech Showcase**. Students receive mentorship and a grant so they can build their technical skills and have a new project for their resumes. Apply by November 20!
- **Apply for a Careers in CS Conference Grant** to attend a professional development event, such as an industry conference, hackathon, or another tech-related gathering. Apply at least 4 weeks before your event.

BUILD YOUR SKILLS

Whether you're a beginner or already have some coding experience, UChicago offers many resources to help you build your technical skills and stand out in the job market.

- **Learn technical skills** with UChicago courses or supplemental training through **Udemy**. UChicago students can access customized learning pathways and learn new skills on-demand. Request access here.
- **Use the GitHub Student Developer Pack** to get free access to a wide variety of professional developer tools, such as coding environments, cloud services, and design tools, to help you learn and build real-world projects.
- **Get involved with research** and work with a faculty member in one of the many CS Department labs. Attend the **STEM Campus Research Workshop** on October 8 to learn more about finding a campus research position.
- **Join the Careers in CS Slack** to meet other students and connect about technical projects.
- **Take classes** that will help you build expertise. These include: Introduction to Neural Networks, Machine Learning, Human-Robot Interaction, and Security, Privacy, and Consumer Protection.

GET EXPERIENCE

Get hands-on computer science experience by interning with UChicago employer partners such as:

- **Tech:** Adobe, Amazon, Apple, Duolingo, Facebook, Google, eBay, IBM, Intuit, Lyft, Meta, Microsoft, Oracle, Palantir, Reddit, Salesforce, Snap, TikTok
- **Finance:** Akuna Capital, Bank of America, Bloomberg, Capital One, Goldman Sachs, JP Morgan Chase, Optiver
- **Startups:** Aurelian, Endex, Clipboard Health, Inflection, ParallelWorks, Pump.Co, Sentilink
- **Corporate:** Allstate, Epic Systems, McMaster-Carr, Neilsen, Nordstrom, United Airlines, Verizon

FIND OPPORTUNITIES

There are many strategies to find jobs and internships, including applying for posted positions and creating your own opportunity through networking. These resources can help you find opportunities and networking contacts.

- **Attend employer information sessions** to learn about opportunities and network with recruiters.
- **Get personalized support** from a Careers in Computer Science adviser:
 - **Steph Avalos-Bock** brings 10+ years of experience in tech and innovation with experience in public health software, product analysis, and leading a startup.
 - **Eliana Sanchez** has years of experience in tech recruiting and deep knowledge of the tech job market.
- **Use the UChicago Alumni Directory** and other tools like LinkedIn to reach out to alumni at target employers.

COMPUTER SCIENCE

EVENTS

Fall Quarter

- Sept. 29 | Fall Career Fair
- Sept. 30 | Meet the UChicago Champions Employer Networking
- Sept. 30 | UChicago Grad Programs Fair featuring 4+1 Advanced Scholars Programs
- Oct. 7 | Google Resume Workshop
- Mid-Oct. | Quantum Employer Spotlight
- Oct. 8 | STEM Research - Student Employment Event
- Oct. 10 | Rural Innovation Challenge
- Oct. 13 | Hack the Tech Hiring Process
- Oct. 15 | Careers in CS Fall Hackathon
- Oct. 17-19 | Year of Games Fall Symposium
- Oct. 20 | Alumni in Mathematics Career Panel
- Oct. 20 | Exploring Future Careers
- Oct. 21 | National Lab Application Bootcamp
- Oct. 22 | Ask-Me-Anything with Google
- Oct. 23 | Hack the Hiring Process Workshop
- Nov. 4-7 | Grace Hopper Conference
- Nov. 10 | Google Technical Interview Prep Workshop
- Dec.15-19 | Winter Break Treks to Beijing & Shanghai, China; Los Angeles, CA; San Francisco, CA; and more!
- Dec. 15-19 | Winter Break Job Shadowing

Winter Quarter

- Jan. 8 | UChicago Winter Tech Showcase Presentations
- Jan. 8 | Dine and Define Your Summer Plans
- Jan. 15 | STEM Recruiting Night
- Jan. 16-19 | UChicago Game Design Game Jam
- Jan. 26 | Game Jam Showcase
- Jan.29 | Tech Recruiting Bootcamp
- Feb. 10 | Tech Recruiting Bootcamp
- Feb. 19 | Google Chicago Office Trek
- Mar. 16-20 | Spring Break Treks to New York, NY; San Francisco, CA; and Boston, MA; and more!
- Mar. 16-20 | Spring Break Job Shadowing

Spring Quarter

- Mar. 28-29 | Uncommon Hacks Hackathon
- Apr. 14 | World Quantum Day
- Apr. 17 | Digital Assts Trading Competition
- Late-Apr. | Mind Bytes Conference
- Apr. 28 | Internship Best Practices Workshop

UPCOMING DEADLINES

Fall Quarter

- Sept. 29 | Rural Innovation Challenge
- Oct. 10 | Careers in CS Fall Hackathon
- Oct. 13 | Winter Break Treks
- Nov.3 | Fall Deadline: 4+1 Programs
- Nov. 10 | Winter Break Job Shadowing
- Nov. 20 | Winter Tech Showcase
- Mid-Nov. | College New Venture Challenge

Winter Quarter

- Jan. 9 | Game Jam
- Jan. 12 | Winter Deadline: 4+1 Programs
- Jan. 14 | Trek to Google Chicago Office
- Jan. 20 | Spring Break Treks
- Jan. 25 | Digital Assets Trading Competition
- Feb. 17 | Spring Break Job Shadowing

Spring Quarter

- Apr. 13 | Spring Deadline: 4+1 Programs
- Apr. 15 | Selective Career Cohorts
- May 17 | Summer Tech Showcase



Chelsea Egbarin, AB'24

Major: Computer Science, English Language and Literature
Involvement: Booth RA, IT Staff
Post-Graduation Plans: Software Engineer, Reddit



Taran Panjabi, AB'23

Major: Computer Science
Involvement: Maroon Capital, InterHouse Council, Cricket Club
Post-Graduation Plans: Product Manager, WalletHub