

What you can do with your **COMPUTER SCIENCES MAJOR**



System & Software Design & Evaluation

You use and design hardware and operating systems, design, implement and evaluate software in multiple programming paradigms and languages.



Mathematical Reasoning

You use mathematical tools to solve complex problems, plus reason about the performance and correctness of software.



Problem Solving

You solve complex problems by using systematic and logical approaches.



Analytical Thinking

You analyze quantitative data, utilize appropriate tools and software, interpret results of data gathering, identify ethical issues and visualize data.



Critical Thinking

You define and analyze problems working with computer systems and data, identify factors that contribute to outcomes, analyze connections and use them to make informed decisions and conclusions.



Project Management

You plan, develop and manage a software development project.

Supplement Your Skills With:



Oral & written communication skills



Experience fostering professional equity & inclusion



Experience through research, internships & part-time work



Familiarity with technical documentation



Student org projects & events, such as hackathons



Career & self development

Chart Your Path Forward

Activate Your Handshake Account

for connections to jobs, internships, employer & alumni networking.

Explore Career Communities

to discover a wide variety of fields where you can turn your major into success.

Get Career & Internship Advising

from SuccessWorks to make a plan, whether you're a first-year student or about to graduate.

Get Started: successworks.wisc.edu

Put your Computer Sciences major to **WORK**

Common Alumni Job Titles

- Application Developer
- Business Owner/Founder
- Chief Technology Officer
- Consultant
- Data Engineer/Scientist
- Development Technical Lead
- Director/Manager of Engineering
- Full Stack Engineer/Developer
- President/Chief Executive Officer
- Product/Software Development Manager
- Project Manager
- Security Engineer
- Software Developer/Engineer
- Web Developer

Common Employers of Alumni

- Accenture
- Amazon/Amazon Web Services (AWS)
- American Family Insurance
- Apple
- Capital One
- Cisco
- Epic
- GE Healthcare
- Google
- IBM
- Kohl's
- Liberty Mutual Insurance
- Meta
- Microsoft
- Northwestern Mutual
- Oracle
- Sentry Environmental Service
- Target
- University of Wisconsin-Madison
- Zendesk



Recent Grads' Career Plans

- 80%** Employment
- 19%** Continuing Education or Grad School
- 1%** Other

Industry of Employment

1. Information Tech
2. Finance
3. Education
4. Healthcare
5. Retail
6. Insurance
7. Manufacturing
8. Life Sciences
9. Arts & Entertainment
10. Marketing

Where Alumni Live & Work

- 38%** Wisconsin
- 14%** California
- 9%** Illinois
- 6%** Washington
- 6%** Minnesota
- 27%** Other



"Every day, I use the collaboration skills I developed as a Computer Sciences major. I work with others all day long, throughout the whole software engineering process from early concept, to design, to implementation and testing."

Maggie Anderson, 2017
Software Engineer, Google
Madison, WI



"While technical skills are important, the most effective engineers also possess an ability to translate business requirements into technical implementation. This can be bringing a new technical lens to a problem or simply understanding what's being asked of them to actually deliver on expectations."

Jeff Miller, 2006
Chief Technology Officer, Yello
Chicago, IL

Career Communities for Computer Sciences Majors

SuccessWorks has eight Career Communities to connect you with career advising, resources and programs. Here are a few suggestions on where Computer Sciences majors can start.

- Technology, Data & Analytics
- Scientific Research
- Consulting, Finance & Business Roles
- Non-Profit & Education

Not inspired by these options? Visit SuccessWorks to explore more widely.