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**

Frequent Alumni Job Titles:

1. Software Engineer
2. Software Developer
3. Technical Specialist
4. Chief Executive Officer
5. Business Owner/Founder
6. Application Developer
7. Data Engineer
8. Chief Technology Officer
9. Director of Engineering
10. Product/Software Development Manager
11. Project Manager
12. Analyst Programmer
13. Development Technical Lead
14. Engineering Manager

Top Employers of Alumni:

1. Microsoft
2. Amazon
3. Google
4. Epic
5. Capital One
6. IBM
7. Target
8. Northwestern Mutual
9. Facebook
10. American Family Insurance

Additional Employers:

- Apple
- Zendesk
- Liberty Mutual Insurance
- GE Healthcare
- Intel Corporation
- Sentry
- CUNA Mutual Group
- Oracle
- 3M
- Cisco
- TDS Telecommunications

Recent Grads' Career Plans:

- **82%** Employment
- **17%** Continuing Education or Grad School
- **1%** Other

Industry of Employment:

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

Where Alumni Live & Work:

- **40%** Wisconsin
- **14%** California
- **8%** Illinois
- **6%** Washington
- **5%** 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
VP, Engineering, 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.

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

- **Technology, Data & Analytics**
- **Scientific Research & Development**
- **Consulting, Finance, Management & Client Relations**
- **Non-Profit Management & Education**

successworks.wisc.edu