



Computer Science

Bachelor of Science



Be an innovator in a field that is changing the world. Be a part of a team participating in cutting-edge areas including robotics, artificial intelligence, gaming, autonomous systems and computer vision and language design. As a computer scientist, you'll use technology to solve complex problems. You'll write software to make computers accomplish new tasks, and do them more efficiently. Our graduates work for major technology firms such as Google, Apple or Microsoft, while others find careers in a wide variety of business enterprises including automotive, finance, telecommunications and healthcare. Whether you have set your sights on a career in computer science or are unsure of the doors it will open, let us help you learn more about our BS in Computer Science and prepare you to excel in this growing field.

A BS in Computer Science can be completed in-seat or online.

Why DU?

- Demonstrating their knowledge, Davenport University technology students consistently win at the National Leadership Competition for Business Professionals of America in Java programming, VB NET programming and C++ programming. In 2017 our students swept 1st, 2nd and 3rd place in C++ and C# programming.
- Our hands-on learning environment challenges you to solve real-life problems using state-of-the-art technology. As a result, you will develop the kind of high-level proficiencies that create immediate impact on your new career.
- We are transfer-friendly, allowing for many community college, college-level, and in some cases, high school courses to transfer so students can graduate sooner.
- Considered a pioneering thought leader in biometrics education, Davenport University was mentioned in *U.S. News and World Report's* "11 Hot College Majors That Lead to Jobs" (Sept. 2013).

Davenport University

- We are a private, non-profit university preparing students for a career.
- We award \$15 million in scholarships each year.
- We keep a low student-to-faculty ratio.
- We specialize in flexible online and on-campus classes days and evenings.
- We are nationally respected for our curriculum and faculty.

College of Technology

Our curriculum is ahead of the curve. We research what's new, what's critical and what's emerging. We add a strong business foundation to give you the edge you need to succeed in your tech career. Find your future with Davenport's College of Technology.

Learn more from admissions representatives at **800-686-1600** or **davenport.edu**



Who Hires Our Graduates?

There are many great opportunities for rewarding careers in computer science. Davenport students have had internship and employment at companies such as:

- Compware
- Dematic
- Department of Defense
- DICE Corporation
- Farmers Insurance
- Garmin Systems
- Plastic Mold Technology
- Rapid Parts, Inc.
- SalesPad Solutions
- Space and Naval Warfare

Specialties

Davenport offers three specialties to choose from to enhance your computer science degree. You can also add math modeling to your concentration for added measure. Concentrations include:

Artificial Intelligence Specialty

Expand concepts related to artificial intelligence, specifically computer vision, deep learning, pattern recognition and algorithms.

Computer Architecture and Algorithms

Investigate computing platforms from underlying hardware design to the algorithms powering the software applications running on the platform.

Gaming and Simulation Specialty

Learn game theory, design, 2D and 3D development along with modeling and simulation.

Math Minor

The Math Minor is ideal for those who want a deeper and broader background in mathematics, and provides you with a competitive edge in the job market. Gain a solid foundation in applied mathematics that provides you with the necessary knowledge and skills for careers in technology.

Employment Opportunities

Technology jobs continue to expand at a faster rate than all other occupations according to the U.S. Bureau of Labor Statistics. Some examples of these jobs are:

- Software Engineer
- Mobile Developer
- Computer Programmer
- iOS Developer
- Application Developer
- Systems Analyst
- Open Source Developer
- Bioinformatics
- Game Developer

2016 Job Statistics – Average Salary

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|-----------------------------|----------|--------------------|-----------|
| Computer Support Specialist | \$52,160 | Software Developer | \$102,280 |
| Computer Programmer | \$79,840 | Web Developer | \$66,130 |

Data retrieved from the Bureau of Labor Statistics and reflect median pay.



Get where the world is going