



Western Colorado University in Gunnison, Colorado

At **Western Colorado University**, the Computer Science program focuses on software development, information security and data science. You'll have the opportunity to learn fundamental concepts, languages, tools and techniques in the new, state-of-the-art Paul M. Rady School of Computer Science & Engineering.

This experience will prepare you with the skills and expertise you'll need to thrive in a career in software development, systems engineering or information technology. Each track within the Computer Science program is built on a core of programming in current languages such as Python, C++ and Java, while focusing on skills such as database management, GUI design, web development and software engineering.

The Information Security emphasis (also referred to

as "Cybersecurity") will introduce you to principles and concepts of information security and hacking. Coursework uses real-world examples to illustrate attacks on computer systems and networks and teaches you basic hacking concepts with defensive measures.

As a computer scientist, you'll also need to be more than technically proficient. Reading, writing, critical analysis and presentation skills are essential for those who wish to do more than develop software. The dynamic blend of Western's liberal arts and computer science courses will provide you with the hard and soft skills necessary to manage people and projects.

To put your knowledge to practice, you'll execute difficult projects in software development, learn state-of-the-art security methods and become proficient with leading industry hardware and software systems. You can get hands-on experience in competitive internships with Fortune 500 companies and work on original research projects developing facial recognition software, machine learning and more.

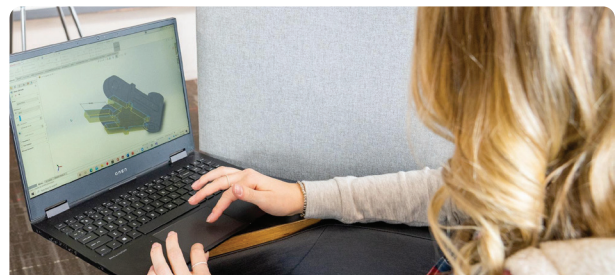
## DESIGNATIONS

- CAE-Cyber Defense

## CONTACT INFORMATION

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Student Coding an IoT Project