

What can I do with a major in...

COMPUTER ENGINEERING

Computer engineers research, develop, or test computer related equipment for commercial, industrial, military, or scientific use. They may also supervise the manufacturing and installation of computer or computer-related equipment and components.

INDUSTRIES:

Manufacturing, Professional, Scientific, and Technical Services

Common Job Titles

Design Engineer
Field Service Engineer
Hardware Design Engineer
Network Engineer
Project Engineer
Systems Engineer

6.0%
UNEMPLOYMENT

Tools

Circuit Teaser
Electronic Measuring Probes
Integrated Circuit testers
Network Analyzers
Signal Generators
Frequency Analyzers

Work Styles

Analytical Thinking
Attention to Detail
Integrity
Dependability
Persistence
Innovation



Salary

\$65,300

ENTRY LEVEL

\$111,730

MEDIAN ANNUAL



Popular Employers

Google

Apple

IBM

LinkedIn

Technology

Analytical/ scientific software

Computer Decompiler

Software

Computer Aided Design

Software

Development Environment

Software

Related Occupations

Computer Systems Analysts

Software Developers

Computer Network Architects

Computer Systems Engineers

Computer Engineers:

- Update knowledge and skills to keep up with rapid advancements in computer technology.
- Build, test, and modify product prototypes using working models or theoretical models constructed with computer stimulation.
- Write detailed functional specifications that document the hardware development process and support hardware introduction.
- Specify power supply requirements and configuration, drawing on system performance expectations and design specifications.

Advice
from
the Pros

Develop a Portfolio.

Participate in every hands on, experimental learning opportunity that a balanced schedule allows. This way, you'll have something unique to show a prospective employer when you graduate, while other students will only be able to list their courses.



Learn the Value of Networking.

When it comes to being a leader, WHO you know is almost as important as WHAT you know. Attend lectures on campus and introduce yourself to the speakers. Build your LinkedIn profile.



Be a Team Player.



Throughout your career, you can be sure you'll work in teams, and the skills you develop in school will help prepare you to lead teams when you graduate.

Find Your Flaws - Fix Them.

As with any skill, leadership needs constant improvement. When you are part of a team, try to create a way to get feedback from team members, group leaders, and professors. When you have concrete feedback on how people view you, you can work to improve your skills.

Want more information? Go online to [ONET /Occupational Outlook Handbook/U.S. News](#)

