

What can I do with a major in...

COMPUTER SCIENCE

Computer Scientists invent and design new approaches to computing technology and find innovative uses for existing technology. They study and solve complex problems in computing for business, medicine, science and other fields.

INDUSTRIES:

Research and development in the physical, engineering, and life sciences; Information; Computer Systems Design and related services; Federal Government

Common Job Titles

Enterprise Architect
Business Intelligence
Director
Software Engineering
Manager
Security Architect

Tools

Camera Based Vision
Systems
Computer Servers
Pick or place Robots
Scanners

4.1%
UNEMPLOYMENT

Work Styles

Analytical Thinking
Attention to Detail
Integrity
Dependability
Initiative
Leadership
Adaptability
Innovation



Salary

\$55,900

ENTRY LEVEL

\$110,620

MEDIAN ANNUAL



Popular Employers

CSC
AppLabs
General Dynamics
Microsoft

Technology

Analytical/ scientific software
Database Management System
Softwares
Data Base User Interface and
Query Software
Development Environment
Software

Related Occupations

Computer and Information
Systems Manager
Computer Hardware Engineer
Computer Programs
Database Administrators
Mechanical Engineers

Computer Scientists:

- Explore fundamental issues in computing and develop theories and models to address those issues Help scientists and engineers solve complex computing problems
- Invent new computing languages, tools, and methods to improve the way in which people work with computers
- Develop and improve the software systems that form the basis of the modern computing experience Design experiments to test the operation of these software systems
- Analyze the results of their experiments

Advice
from
the Pros

Focus on taking the classes where you will learn the most.

Never ever take classes based on how easy it is to get a grade in them. It is much more important to learn a lot than to worry about grades. The ideal scenario here is to take a class where you push yourself to learn, and still get great grades. It is very doable. Don't take short cuts in learning.

Be a Team Player.

Professional Engineering involves collaboration among many different disciplines that must come together to resolve complex issues and formulate solutions to bring products to market.

Make Connections.

Attend lectures on your campus and introduce yourself to the speakers. Check with your school's alumni association to get a list of alumni from your program who want to connect with undergraduates.