

What you can do with a degree in **Computer Science**



The following is a sample of occupational titles and work settings related to Computer Science.

Keep in mind that career options are not dictated solely by choice of major.

Just as there are many careers open to graduates of any major, there are many paths to careers that do not require a specific degree. Use this information as a beginning guide to exploring options.

Sample Job Titles:

- Communications Specialist
- Computer Game Designer
- Computer Hardware/Software Engineer
- Computer Operator
- Computer Sales/Marketing Representative
- Computer Scientist
- Computer Security Investigator
- Computer Support Specialist
- Customer Support Representative
- Database Administrator
- Data Communications Analyst
- Data Processing Equipment Repairers
- Director, Data Processing
- Educational Media Technician
- Equipment Dealer
- Field Service Technician
- Information Security Managers
- Instructional Designers & Technologists
- Internet Applications Programmer
- Network Administrator
- Network Analyst
- Operations Research Analyst
- Product Manager
- Programmer
- Sales/Marketing Engineer
- Secondary Education Teacher
- Software Designer
- Software Engineer
- Software Quality Assurance Engineers
- Systems Administrator
- Systems Analysts
- Systems Designer
- Systems Engineer
- Systems Integrator
- Systems Programmer
- Technical Specialist
- Technical Support Representative
- Technical Writer
- University Professor
- User Interface Designer
- Virtual Reality Programmer
- Web Developer
- Computer Applications Engineer
- Computer Programmer
- Database Engineer/Analyst
- Information Systems Manager/Coordinator
- Performance Engineer/Analyst
- Programmer Analyst
- Quality Assurance Analyst
- Software Developer
- Software Test Engineer
- Technical Sales

Possible Professional Settings:

- Architecture/Design
- Arts/Entertainment
- Colleges & Universities
- Computer Consulting Firms
- Computer Corporations
- Data Processing Firms
- Elementary & Secondary Schools
- Engineering Firms
- Industry Private Sector
- Hospitals
- Financial Firms
- Insurance Companies
- Local/ State Government
- Manufacturing Firms
- Marketing Research Depts.
- Marketing Firms
- Medicine
- Professional & Technical Journals
- Publishers
- Communications Firms
- Research & Development Firms
- Test Developers
- Transportation
- Utilities Companies
- Weather Bureaus
- Banks, Savings, and Commercial
- High Tech Firms
- Software Development Firms

Resources:

The following lists are samples of resources available for learning more about majors and careers.

Websites Related to this Field

- Dice.com: www.dice.com

Professional Associations - Samples

- Association for Computing Machinery: www.acm.org
- Association for Computer Operations Management: www.afcom.com
- CompTIA IT: <https://www.comptia.org/>
- International High Technology Crime Investigation Association: www.htcia.org
- International Information Systems Forensics Association: <http://www.iisfa.net/>
- Information Systems Audit and Control Association (ISACA): www.isaca.org
- Institute of Electrical and Electronics Engineers (IEEE): www.computer.org
- TechServe Alliance: www.techservealliance.org
- Women In Technology International: www.witi.com

Sample Internship Sites & Volunteer Opportunities

- <https://spu.edu/administration/center-career-calling/prepare/finding-an-internship/internship-locations>

General Career Information.

- Occupational Outlook Handbook: www.bls.gov/ooh/
- The Occupational Information Network, (O*Net): www.onetonline.org

SPU Resources

- Computing Sciences Department Website: <http://www.spu.edu/depts/csc/>
- Major & Career Exploration (GS 2001 - 2 credits, offered every quarter)
- Career Counseling: call 206.281.2485 or stop by the Center for Career and Calling on the second floor of the SUB
- Academic Advising: www.spu.edu/depts/sas
- Academic Catalog: www.spu.edu/academics.aspx

* Websites are current as of August 2020. If any go inactive, please let us know.