Computers are helping solve some of the world's most interesting and difficult challenges such as space travel, protecting national security, and predicting the path of a hurricane. With a degree in computer science, you can join a team that analyzes challenges like these. Computer science graduates are in demand at more than just computer companies as computer technology becomes increasingly important for industries around the world. The programming skills and Web know-how you will develop as a computer science major will help you find creative ways to use your analytical and problem-solving skills in an expanding job market.

**Computer Science Skills**

- System Development
- Software and Hardware Installation
- Network Maintenance
- Knowledge of Computer Language
- Trouble Shooting Technical Problems
- Creative Problem-Solving Skills
- System Design
- Communicating effectively
- Maintaining Databases
- Information Security

**Computer Science Degrees**

Bachelor of Science in Computer Science, offered at Texas State

Bachelor of Arts in Computer Science, offered at Texas State

**Common Job Titles**

- Technical Analyst/Computer Support
- Database Engineer/Administrator
- Lab Technician
- Fraud Detection
- Computer Teacher
- Administrator
- Chief Technology Officer*

* Advanced Degree Helpful

- Director of IT Operations*
- Software Engineer
- Computer Programmer
- Web Developer
- Forensic Auditor
- Network
- Chief Information Officer*
- Computer Systems Analyst

**Common Work Settings**

- Colleges and Universities
- Business Local/Large Corporations
- Tech Companies: Dell, Apple, Microsoft
- Media Companies: Clear Channel
- Governmental Agencies
- Automotive and Aerospace Industries
- Bank and Retailers
- Engineering Firms
RESOURCES
Student Organizations
Sigma Chi Sigma, www.sigmachisigma.org

Professional Organizations
Association of Information Technology Professionals, www.aitp.org
Association for Computing Machinery, www.acm.org
EDUCAUSE, www.educause.edu
IEEE, www.ieee.org
Society of Women Engineers, www.societyofwomenengineers.swe.org

Job Search Links
Jobs 4 Cats: http://www.careerservices.txstate.edu/students.html
Computer Jobs: http://www.computerjobs.com/
Indeed: http://www.indeed.com/

Career Planning Links
The Vault: http://www.vault.com/wps/portal/usa
Exploring Occupations: http://www.careeronestop.org
Occupational Outlook: http://www.bls.gov/ooh/

Career Library Resources
Great Jobs for Computer Science Majors by Jan Goldberg
Career in Focus: Computer and Video Game Design by Ferguson
Career in Focus: Computer by Ferguson