

COMPUTER SCIENCE

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COMPUTER SCIENCE PROFILE

According to the Bureau of Labor Statics, those who majored in Computer Science can expect employment in those areas to grow 12 percent from 2016 to 2026, faster than the average for all occupations. Demand for computer and information systems managers, and related personnel, will grow as firms increasingly expand their operations to digital platforms. Computer science professionals will be responsible for implementing these goals. Employment growth will result from the need to bolster cybersecurity in computer and information systems used by businesses. Industries such as retail trade will need to implement more robust security policies as cyber threats increase.

[WCSU Computer Science](#)

[Occupational Outlook Handbook](#)

RELATED CAREER TITLES

The career paths listed below are only a sample of the opportunities one may consider. They have been taken from the Bureau of [Labor's Occupational Outlook Handbook](#) and the [O*Net Online](#). Some career paths may require additional education and training but this list is a starting point to understanding some of the vast opportunities that await. To gain more understanding of the different career paths, take a look at [Candid Career](#), where you can watch testimonials of people doing exactly what you might want to pursue.



Computer Programmer	Systems Developer
Network Technology	Database Administrator
Software Designer	Education
Technical Support	Computer Research Scientist
Computer Hardware Engineer	Computer Network Architects
Computer System Analysts	Information Security Analysts
Network Administrator	Software Developers
Executives	Web Developers

RÉSUMÉ SAMPLES & HELP

For a guide, and list of sample résumés, please visit our virtual résumé tool at <https://www.wcsu.edu/careersuccess/resumes/>. This is where you will find sample résumés, download our fillable résumés template, and find the cover letter & résumé checklist to ensure you are on the right track. Whether you are applying directly to a person, or an applicant tracking system (ATS), there are things you will need to know for your résumé to be recognized by the company's database. Use the checklist we provide and always proofread for perfection. Remember, your résumés and cover letters are the first writing samples any employer will ever see from you. You need to make sure it is perfect. Don't risk it, and come visit one of our Career Peer Leaders, who can help you. We are available Monday through Friday, either virtually or in person, anytime between 9 am to 5 pm. If you would like information, or to set an appointment, please contact the Career Success Center at careersuccess@wcsu.edu.

JOB SEARCH ENGINES

Prepare for interviews, compare salaries and get company reviews with a free student account from [Glassdoor](#). Simply click the link and sign up with your student email address.

[Computerjobs.com](#)

[Computer Work](#)

[Dice](#)

[IT Job Cafe](#)

[Just Tech Jobs](#)

[Sologig](#)

[Tech Careers](#)

RESEARCH RESOURCES

[Career Corner Stone](#)

[Career Search Database](#)

[Computer Science Online](#)

[Comptia](#)

[The Connecticut Technology Council](#)

[IEEE Computer Society](#)

[Institute for Certification of Computing Professionals \(ICCP\)](#)

[Microsoft](#)

Software Development Forum (SDF)

Tech Crunch

[Top Coder](#)

SALARY INFORMATION

[Computer Science Degree Hub](#)

[Chron](#)

College Factual

[Bureau of Labor Statistics; CIS job earnings](#)

[eHow; CIS salary information](#)

WHAT YOU CAN DO NOW

Join a professional computer science society or association – See list below

Consider studying abroad. [Click here](#) to learn more.

Volunteer for WCSU's Vita Program

Volunteer for [Junior Achievement](#) in your community

PROFESSIONAL CERTIFICATIONS AND CREDENTIALS THAT CAN MAKE YOU MORE MARKETABLE

[Microsoft Certifications](#)

ASSOCIATIONS

Professional associations are a great way for college students, recent graduates, and career changers to enhance personal and professional development while being provided endless networking opportunities. Being a member of an association also offers chances to attend conferences, learn about latest industry trends, scholarships, internship opportunities, along with attitudes and competencies expected in the industries of interest. Many associations encourage students to participate and even offer drastically reduced membership rates. Being a member of an association could be the best thing you do for your career.

[Association for Computing Machinery \(ACM\)](#)

[Association for Information Science and Technology \(ASIS&T\)](#)

[Association of Information Technology Professionals \(AITP\)](#)

Association of Shareware Professionals (ASP)

Computer Professionals for Social Responsibility (CPSR)

Data Management International (DAMA)

International Association of Computer Science and Information Technology (IACSIT)

National Association of Programmers (NAP)

Network Professional Association (NPA)

Society for Technical Communication (STC)

Women in Technology International