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.

<table>
<thead>
<tr>
<th>Computer Programmer</th>
<th>Systems Developer</th>
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<tr>
<td>Network Technology</td>
<td>Database Administrator</td>
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<td>Software Designer</td>
<td>Education</td>
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<td>Technical Support</td>
<td>Computer Research Scientist</td>
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<td>Computer Hardware Engineer</td>
<td>Computer Network Architects</td>
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<td>Computer System Analyst</td>
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<td>Network Administrator</td>
<td>Software Developers</td>
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<tr>
<td>Executives</td>
<td>Web Developers</td>
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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