



# Computer Science Jobs

Not all computer science jobs require college degrees. Many companies will hire students with associate degrees or certifications for many entry-level positions. This list will continue to grow as new specializations and concentrations arise.

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## Certification

Computer Science Certifications are non-degree credentials that verify that the individual who bears the certifications has certain skills in information technology, cybersecurity, or computer programming. Earning a certification in computer science certifies the person has current, practical, and hands-on knowledge and can perform adequately once put in the positions related to the corresponding areas with minimum extra training or mentoring.

- Customer support specialist
- IT support specialist
- Network technician
- Software testing specialist
- System administrator (entry level)
- Computer hardware specialist
- Office system specialist
- Data entry specialist
- Help desk
- Computer technician
- Cable technician
- Database entry-level administrator

## Associate Degree

An associate degree in computer science usually takes 2 years to complete. Some students can complete this degree currently with a high school diploma. Please keep in mind that an individual with an associate degree in computer science are also candidates for positions under the "Certification" section.

- Computer programmer
- Web developer
- Network support specialist
- User interface designer
- Graphic designer
- Software Quality Assurance analyst
- Computer system administrators
- Database administrator
- Industrial automation specialist
- Network security administrator
- Data technology analyst

- Database developer
- Technical writer
- Front-End developer
- Mobile application developer

## **Bachelor's Degree**

A bachelor's degree in computer science qualifies an individual candidate for most of the entry level developer and engineer positions in the computer and technology industry.

- Software developer
  - Information security analyst
  - Hardware engineer
  - Software engineer
  - Network security engineer
  - Network/cloud engineer
  - System analyst
  - Database engineer
  - Artificial Intelligence (AI) engineer
  - Machine learning (ML) solution developer/engineer
  - Data analyst
  - Cloud computing analyst
  - DevOps engineer
  - Scrum master
  - Customer Relation Management (CRM) developer
  - Enterprise Resource Planning (ERP) developer
  - Mobile application developer
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