

CAREERS IN COMPUTERS AND MATHEMATICS

People who work in computers and mathematics design and test software and websites, analyze data, and help create computer networks. Jobs in this field include:

- Software developers
- Support specialists
- Systems analysts
- Network administrators
- Quality assurance testers
- Computer programmers



WHAT SKILLS ARE NEEDED?



- Knowledge of coding
- Understanding of programming languages such as Python and SQL
- Experience with computer programs such as Agile and Azure
- Knowledge of the systems development life cycle (SDLC)



The average annual wage is \$77,400 per year

What kinds of employers are hiring?

- Technology firms
- Electronics retailers
- Communications companies
- State and local governments
- Supplier and logistics companies

443

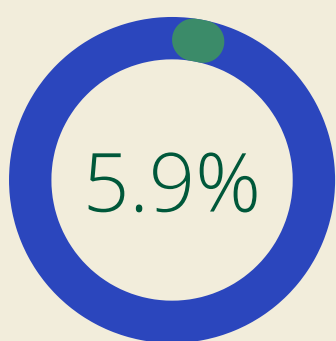
Projected Job
Openings per
Year



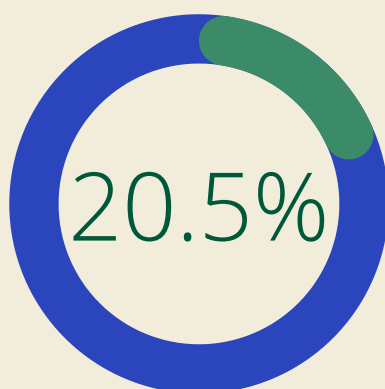
The Institute

Turning Information into Insight

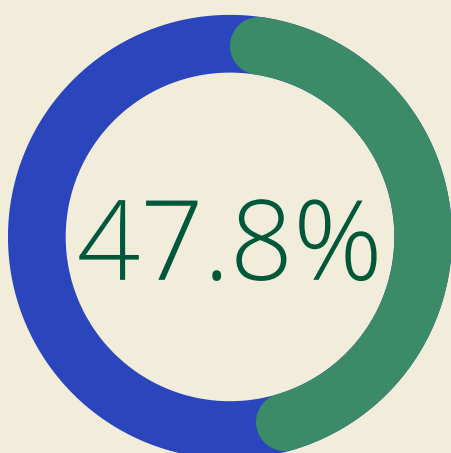
SKILLS AND EDUCATION



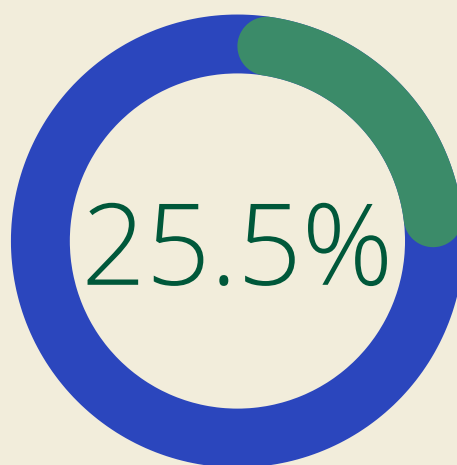
People in these careers with high school education



People in these careers with some college or two-year degrees



People in these careers with four-year degrees



People in these careers with master's degrees or higher

Students enter programs for computer systems networking and telecommunications, computer science, computer programming, computer engineering, computer software engineering, and information technology

LEVEL OF EDUCATION NEEDED

