Software Development Is Not The Only CS Career Path
Check Out These Tech Jobs That Are In High Demand & Offer Great Pay

Data Analyst
Collects primary & secondary data, cleanses, manipulates, & analyzes the data, & creates information visualizations.

What You Do
- Solve challenging problems
- Work with facts & details
- Collaborate with coworkers & clients

What You Need To Know
- Statistics
- Data Manipulation
- Data Visualization
- Problem Solving
- Critical Thinking

What Students Say
“I love all of the organization, data, & details of this job. I also enjoy learning code.”

What You Do
- Develop & execute test plans
- Write code to create automated test tools
- Use bug tracking & collaboration software

What Students Say
“I would like to test websites to ensure new development works & write code to automate the steps a person would take to test the website.”

What You Need To Know
- Software Life Cycle
- Test Plan Development
- Software Quality Assurance
- Organizing, Planning, & Prioritizing

UX Technologist
Bridges the gap between design & engineering by creating app/website prototypes & user experience (UX) interfaces.

What You Do
- Work on a variety of projects
- Create easy-to-use apps/websites
- Collaborate with & help customers

What Students Say
“I love the necessity for creativity & the fact that I would be designing something that will make people’s lives easier.”

What You Need To Know
- Design
- User-Centered Research
- Human-Computer Interaction
- Active Listening

Product Manager
Oversees the strategy, user requirements, project plan, & commercialization of software development initiatives.

What You Do
- Bring a product vision to life
- Lead a cross-functional team
- Work in tech without coding all day

What Students Say
“This is very interesting because I love to work with others & I’ve always wanted to show off my creativity.”

What You Need To Know
- Agile Methodology
- Software Product Design
- User-Centered Research
- Project Management

Systems Administrator
Ensures that Information Technology (IT) Systems work well so that employees can successfully perform their jobs.

What You Do
- Troubleshoot & solve issues
- Install, maintain, & repair software & hardware
- Monitor performance of IT systems

What Students Say
“It would be fun to help others. Troubleshooting & working in a casual office would be a plus for me. I feel that I would like this career.”

What You Need To Know
- Troubleshooting
- IT Systems
- Network Communication
- Service Orientation

Digital Media Manager
Designs, places, & tracks online advertisements to encourage people to take actions such as purchasing products or making donations.

What You Do
- Select target audiences
- Utilize spreadsheets & data analysis tools
- Consolidate & analyze ad metrics

What Students Say
“I enjoyed this career as it gives a lot of room for creativity, but also seems very demanding. I would love to work with multiple clients at a time.”

What You Need To Know
- Online Marketing
- Data Analysis & Visualization
- Persuasion
- Judgment & Decision Making

QA Engineer
Makes certain that software, websites, & apps perform as intended, are free of errors, & make customers happy.

What You Do
- Develop & execute test plans
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