

# 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.

**227,000**  
Job Openings

**27%**  
Job Growth

**\$73,000**  
Median Salary


**What You Do**

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

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

**What You Need To Know**

- Statistics
- Data Manipulation
- Data Visualization
- Problem Solving
- Critical Thinking



### UX Technologist

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

**194,000**  
Job Openings

**30%**  
Job Growth

**\$70,000**  
Median Salary

**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.

**170,000**  
Job Openings

**9%**  
Job Growth

**\$117,000**  
Median Salary

**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.

**162,000**  
Job Openings

**6%**  
Job Growth

**\$80,000**  
Median Salary

**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.

**54,000**  
Job Openings

**10%**  
Job Growth

**\$54,500**  
Median Salary


**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.

**125,000**  
Job Openings

**9%**  
Job Growth

**\$106,000**  
Median Salary

**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