

# CAREER SNAPSHOT

## INFORMATION TECHNOLOGY

### Professional & Technical Industry

#### Careers in Information Technology (IT)

involve working with computer hardware, software, and network systems. IT services and products provide the infrastructure, tools and support every organization needs.

IT professionals are in demand across all industries, businesses, schools, healthcare facilities, and more. A career in IT offers abundant opportunity for professional growth and income potential.

**Fields include:** Computer Programming, Hardware Services and Infrastructure, Information Security, Network and Cloud Technologies, Software Development, Web Design and more

#### Local Fast Facts Frederick County, MD



Over 911 Employers



+3% - 5 year Job Growth Rate



+335 - 5 year Job Growth



\$72,632 Annual Average Salary



10,166 People Employed



FREDERICK COUNTY  
WORKFORCE SERVICES



#### Regional Fast Facts 50 mile radius of Frederick, MD



Over 911 Employers



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+335 - 5 year Job Growth



\$72,632 Annual Average Salary



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Check out O\*net Online to explore IT careers. Research the knowledge, skills and abilities needed for 30+ occupations in information technology!

<https://www.onetonline.org>

# Is Information Technology a career match for you?

**Learn More: [www.frederickworks.com/the-local-landscape](http://www.frederickworks.com/the-local-landscape)**

## Information Technology Education & Training Programs

**FCPS, Career & Technology Center (CTC)** Offers a variety of technology programs including Advanced Web Design, Cisco Networking Academy, Cybersecurity/CompTIA and more.

**Frederick Community College** Offers programs in Information Technology, Network and Software Engineering, Computer Aided Technology, Game & Simulation Development and more.

**Hood College** Offers Undergraduate and Graduate programs in information Technology, Computer Science, Management Systems and more

**Mount St. Mary's University** Offers Undergraduate and Graduate programs in Computer Science, Cybersecurity, Data Science, Instructional Design & Technology and more.

## Financial Aid Information: Scholarships & Grants

- Federal Student Aid:  
<https://studentaid.gov>
- Frederick County Workforce Services:  
[www.FrederickWORKS.com](http://www.FrederickWORKS.com)
- Community Foundation of Frederick County:  
[www.frederickcountygives.com](http://www.frederickcountygives.com)

## IT Occupations by Level of Education & Median Hourly Wage

### High School Diploma

Computer Repair Tech: \$20.00/hr  
User Support Specialist: \$26.52/hr



### Post Secondary Certificate Associate's Degree

Network Support Specialist: \$34.89/hr  
Web Developer: \$30.62/hr



### Bachelor's Degree & Above

Network System Admin: \$51.86/hr  
Software Developer: \$54.39/hr



**Get Connected! Research local IT resources, groups and networking events at:**

**Frederick Office of Economic Development:**  
<http://www.discoverfrederickmd.com/news/category/technology>

**Tech Frederick:** <https://techfrederick.org>