CAREER LADDER

INFORMATION TECHNOLOGY



www.nvcc.edu/LMI

High School Diploma or GED



Certificate or Diploma (1-2 yrs.)

Diploma, Certificate, License, or Apprenticeship Programs

Associate Degree (2 yrs.)



Bachelor's Degree (4 yrs.)



Post-Graduate Degree





Programming & Software Development

Customer Service Representatives. Sales Representatives

\$14.10 - \$20.19/hr. 8,408 Postings

Computer Support Specialists \$19.83/hr.

6,286 Postings

Web Developers, User Interface (UI) and User Experience (UX) Designers

\$87,300 - \$106,200/yr. 6,013 Postings

Software Developers and Engineers, Mobile Applications **Developers, Software Testers** and Quality Assurance Analysts, Operations Analysts, Business Analysts, IT Project Managers, Hardware Engineers

> \$97,700 - \$131,100/yr. 66,997 Postings

Computer Scientists, Chief Information and **Technology Officers**

\$136,500 - \$176,400/yr. 4,181 Postings



Networking & **Cyber Security**

Customer Service Representatives, Sales Representatives

\$14.10 - \$20.19/hr. 8,408 Postings

Computer Support Specialists

\$19.83/hr.

6,286 Postings

Network/Systems Support Specialists

> \$84,000/yr. 867 Postings

Penetration Testers, Information Security Analysts, Systems Analysts, Network and Systems Administrators, Operations Analysts, Business Analysts, IT Project Managers, Network and Systems Engineers, Cyber Security Engineers

> \$97,700 - \$137,000/yr. 62.827 Postings

Computer Scientists, Chief Information Security Officers

\$136,500 - \$176,400/yr. 4,181 Postings



Data & Data Warehousing

Customer Service Representatives, Sales Representatives, **Data Entry Specialists**

\$14.10 - \$20.19/hr. 8,408 Postings

Computer Support Specialists \$19.83/hr. 6,286 Postings

Web Developers, Network/ Systems Support Specialists

\$80,400 - \$90,000/yr. 6,711 Postings

Database Administrators, Data Warehousing Specialists, Business Intelligence Analysts, Data Analysts, Database Architects, Business Intelligence Developers, IT Project Managers, Sales Engineers, Data Engineers

\$106,000 - \$133,900/yr. 28,481 Postings

Data Scientists, Mathematicians

\$136,500 - \$164,700/yr. 3,051 Postings

Occupations grouped by level of education typically required for employment, as determined by the Bureau of Labor Statistics (BLS). Openings represent the total number of online job postings from August 1, 2021 to July 31, 2022 in the NOVA region, as compiled by Burning Glass Technologies. Wages represent entry-level hourly pay for positions at the High School/GED and Certificate/Diploma levels, and average annual salaries for positions at the associate, bachelor, and post-graduate degree levels. Wages calculated by JobsEQ based on 2021 Occupational Employment Statistics (OES) data from the BLS.