CAREER LADDER
INFORMATION TECHNOLOGY

NOVA
Northern Virginia Community College

www.nvcc.edu/LMI

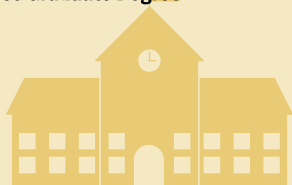| Education Level	Programming & Software Development	Networking & Cyber Security	Data & Data Warehousing
High School Diploma or GED	Customer Service Representatives, Sales Representatives **$15.87 - $26.54/hr.** 4,980 Postings	Customer Service Representatives, Sales Representatives **$15.87 - $26.54/hr.** 4,980 Postings	Customer Service Representatives, Sales Representatives, Data Entry Specialists **$13.92 - $26.54/hr.** 5,187 Postings
Certificate or Diploma (1–2 yrs.) Diploma, Certificate, License, or Apprenticeship Programs	Computer Support Specialists **$25.81/hr.** 5,085 Postings	Computer Support Specialists **$25.81/hr.** 5,085 Postings	Computer Support Specialists **$25.81/hr.** 5,085 Postings
Associate Degree (2 yrs.)	Web Developers, User Interface (UI) and User Experience (UX) Designers **$84,523 - $103,431/yr.** 3,272 Postings	Network/Systems Support Specialists **$92,835/yr.** 615 Postings	Web Developers, Network/Systems Support Specialists **$92,835 - $103,431/yr.** 3,725 Postings
Bachelor's Degree (4 yrs.)	Software Developers and Engineers, Mobile Applications Developers, Programmers, Software Testers and Quality Assurance Analysts, Operations Analysts, Business Analysts, IT Project Managers, Hardware Engineers **$110,043 - $154,249/yr.** 59,697 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 **$113,744 - $140,247/yr.** 53,339 Postings	Database Administrators, Data Warehousing Specialists, Business Analysts, Data Analysts, Database Architects, Business Intelligence Developers, IT Project Managers, Sales Engineers, Data Engineers **$105,525 - $158,762/yr.** 64,935 Postings
Post-Graduate Degree	Computer Scientists, Chief Information and Technology Officers **$157,982 - $194,374/yr.** 806 Postings	Computer Scientists, Chief Information Security Officers **$157,982 - $194,374/yr.** 806 Postings	Data Scientists, Mathematicians **$141,409 - $155,558/yr.** 5,061 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 February 1, 2023 to January 31, 2024 in the NOVA region, as compiled by Lightcast. Wages represent the 25th percentile of hourly pay for positions at the High School/GED and Certificate/Diploma levels, and median annual salaries for positions at the associate, bachelor, and post-graduate degree levels. Wages calculated by Lightcast based on 2022 Occupational Employment and Wage Statistics (OEWS) data from the BLS.