

Information Technology Cluster Occupation, SOC Code, and Description	NH Occupational Projections					Future Outlook	2021 Wage Entry Level Median	Usual Entry-Level Preparation			Apprentice	Military	NH License	Holland Interests			Career Pathways
	Employment		Avg. Annual Openings					Education	Experience	Training				1 st	2 nd	3 rd	
	2020	2030	Exits	Transfers	Total												
Computer and Information Systems Managers (11-3021): Plan, direct, or coordinate activities in such fields as electronic data processing, information systems, systems analysis, and computer programming.	3,040	3,401	52	183	271	↑	\$51.30 \$63.25	Bachelor's degree	5 years or more	None	★	★		E	C	I	Information Management
Computer Network Architects (15-1241): Design and implement computer and information networks, such as local area networks (LAN), wide area networks (WAN), intranets, extranets, and other data communications networks. Perform network modeling, analysis, and planning, including analysis of capacity needs for network infrastructures.	462	506	7	22	33	↑	\$35.17 \$49.53	Bachelor's degree	5 years or more	None	★	★		I	C	E	Network Systems
Computer Network Support Specialists (15-1152): Analyze, test, troubleshoot, and evaluate existing network systems, such as local area network (LAN), wide area network (WAN), and Internet systems. Perform network maintenance to ensure networks operate correctly with minimal interruption.	728	806	14	41	63	↑	\$23.43 \$35.70	Associate's degree	None	None	★	★		R	E	C	Network Systems
Computer Occupations, All Other (15-1299): All computer occupations not listed separately. Includes Web Administrators; Geographic Information Systems Technologists and Technicians; Document Management Specialists; Information Security Engineers; Penetration Testers; Digital Forensics Analysts; Blockchain Engineers.	1,347	1,505	33	70	119	↑	\$18.87 \$37.41	Bachelor's degree	None	None	★	★		C	I		Information Support and Services
Computer Programmers (15-1251): Create, modify, and test the code and scripts that allow computer applications to run. Work from specifications drawn up by software and web developers or other individuals. May develop and write computer programs to store, locate, and retrieve specific documents, data, and information.	1,263	1,145	24	55	67	↗	\$23.01 \$37.53	Bachelor's degree	None	None	★	★		I	C		Programming and Software Development
Computer Systems Analysts (15-1211): Analyze science, engineering, business, and other data processing problems to develop and implement solutions to complex applications problems, system administration issues, or network concerns. Perform systems management and integration functions, improve and review existing computer systems.	2,943	3,207	60	151	237	↑	\$32.44 \$48.47	Bachelor's degree	None	None	★	★		I	C	R	Programming and Software Development
Computer User Support Specialists (15-1232): Provide technical assistance to computer users. Answer questions or resolve computer problems for clients in person, via telephone, or electronically. May provide assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail.	2,958	3,210	58	163	246	↑	\$19.42 \$28.43	Some college, no degree	None	None	★			R	I	C	Information Support and Services
Database Administrators and Architects (15-1245): Create or organize systems to store and secure a variety of data. Plan, coordinate, and implement security measures, design strategies for enterprise databases, data warehouse systems, and multidimensional networks. Set standards for database operations, programming, query processes, and security. Model, design, and construct large relational databases or data warehouses. Create data models for warehouse infrastructure and workflow. Integrate new systems with existing warehouse structure and refine system performance, functionality, and security.	597	649	14	31	50	↑	n/a n/a	Bachelor's degree	None	None	★	★		C	I	E	Network Systems

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Information Security Analysts (15-1122): Perform a variety of computer network activities, such as implement or monitor security measures; design, create, and modify web sites; or design and implement computer and data communication networks.	576	793	11	38	71	↑	n/a n/a	Bachelor's degree	Less than 5 years	None	★	★		C	I	R	Web and Digital Communications
Network and Computer Systems Administrators (15-1142): Install, configure, and support an organization's local area network (LAN), wide area network (WAN), or Internet systems. May monitor network or web site to ensure correct operation, perform maintenance, or enact security measures.	2,301	2,434	40	112	165	↗	\$30.69 \$39.22	Bachelor's degree	None	None	★	★		I	R	C	Network Systems
Project Management Specialists and Business Operations Specialists, All Other (13-1198): All business operations specialists not listed separately. Includes Project Management Specialists, Business Continuity Planners, Sustainability Specialists, Online Merchants, and Security Management Specialists.	5,143	5,425	122	259	409	↗	n/a n/a	Bachelor's degree	None	None	★	★		E	I		Information Support and Services
Software Developers and Software Quality Assurance Analysts and Testers (15-1256): Research, design, and develop computer and network software or specialized utility programs. May work with computer hardware engineers to integrate hardware and software systems, and develop specifications. May maintain databases.	10,430	12,916	271	572	1,092	↑	n/a n/a	Bachelor's degree	None	None	★	★		I	C	R	Programming and Software Development
Web Developers and Digital Interface Designers (15-1257): Develop websites, applications and databases, interactive interfaces, and website infrastructure. May develop and test layouts, interfaces, functionality, and navigation menus to ensure compatibility and usability. May design and test interfaces that facilitate human-computer interaction.	707	798	18	37	64	↑	n/a n/a	Bachelor's degree	None	None	★	★		C	E	I	Web and Digital Communications