

COMPUTING & NETWORK OPERATIONS CAREER PATHWAY



WISE PATHWAYS

Women in Sustainable Employment

Entry-Level
High School Diploma
or Associate degree
in Computer
Engineering or
Computer Science

\$54,760

TECHNICAL SUPPORT SPECIALIST

Job requirements include:

- Able to answer questions or resolve computer problems for clients in person, via telephone, or electronically.
- Experienced at providing assistance concerning the use of computer hardware and software, including printing, installation, word processing, electronic mail, and operating systems with relevant industry certifications

\$61,294

NETWORK SUPPORT SPECIALIST

Job requirements include:

- Able to evaluate network performance data
- Capable of performing a range of maintenance and support activities such as backups, troubleshooting connectivity issues, installing network software, WAN and LAN configuration, and analyzing security breaches to the network
- Able to work and communicate effectively with geographically disparate teams, in particular, end users

\$78,500

IT SUPPORT LEAD

Job requirements include:

- Credentialed in Computer Engineering, Science or related IT fields
- Able to lead and coach a team of specialists
- Experienced in establishing procedures and standards of service and report performance to management
- Able to define and offer improvements to systems that could reduce user technical and knowledge issues

Associate degree in Computer Engineering, Computer Science, or related degree discipline

or

IT Certifications: COMPTIA A+, Network +, Security +, C, Python, C+, HTML, JavaScript, Plus - graphic design

\$73,760

WEB ADMINISTRATOR

Job requirements include:

- Familiar with website design, development, maintenance and troubleshooting
- Able to work with a wide range of users within the same organization as well as with outside designers, developers and marketing teams
- Experienced in website coding, traffic monitoring and resolving usability issues

\$83,510

NETWORK/SYSTEMS ADMINISTRATOR

Job requirements include:

- Experienced at installing and maintaining network and hardware
- Able to demonstrate a proven and thorough understanding of switches, routers and networked communications.
- Ready and willing to resolve issues with network performance in a proactive manner with a passion for 5-9's reliability

\$90,920

SYSTEMS ENGINEER/ARCHITECT

Job requirements include:

- Experienced in the design and configuration of wired, wireless, and satellite
- Experienced in designing and developing hardware and software solutions to address complex business application, solution and integration needs
- Able to provide direction and leadership around strategy and TCO for cloud vs. On-Prem methods based on work on multiple projects

\$90,920

TELECOMMUNICATION ENGINEERING SPECIALIST

Job requirements include:

- Experienced in the design and configuration of wired, wireless, and satellite communications systems for voice, video, and data services.
- Able to provide direction and leadership around strategy and TCO for existing and emerging business, data, and personal communications techniques and best practices and the related security capabilities of each

\$90,920

NETWORK ENGINEER/ARCHITECT

Job requirements include:

- Experienced in designing and developing communications network solutions to enable operation and movement of data between complex business applications and data storage infrastructure
- Able to provide direction and leadership around strategy and TCO for existing and emerging networking techniques and best practices

Associate or Bachelor's degree in Computer Engineering, Computer Science, or related degree discipline or
IT Certifications: COMPTIA ITF+, A+, ITIL Foundation, COMPTIA Network +, COMPTIA Security +, ITIL - Managing Professional, Microsoft - MTA, MSCA, MSCE, CISCO - CCNA

Bachelor's degree in Computer Engineering, Computer Science or related degree

\$31,120

JR. SYSTEMS ADMINISTRATOR

Job requirements include:

- Ready to answer calls or respond to emails / texts courteously
- Equipped with a basic understanding of desktop and end user information technology devices
- Able to use spreadsheets, documents and access user and process documentation via a computer-based system to either resolve user issues or enter the request into a system for resolution

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