

Senior Network Engineer  
Worcester Polytechnic Institute

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Posted Aug. 1, 2019, set to expire Nov. 28, 2019

<b>Job Title</b>	Senior Network Engineer
<b>Department</b>	
<b>Institution</b>	Worcester Polytechnic Institute Worcester, Massachusetts
<b>Date Posted</b>	Aug. 1, 2019
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Other Administrative Categories
<b>Academic Field(s)</b>	Computing/Informational Services
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<b>Job Description</b>	

**JOB TITLE**

Senior Network Engineer

**LOCATION**

Worcester

**DEPARTMENT NAME**

Network and Security

**DIVISION NAME**

Worcester Polytechnic Institute - WPI

**JOB DESCRIPTION SUMMARY**

Under the direction of the Manager of Network Operations, the Senior provide support to the

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satisfactory operation of the WPI network infrastructure, including LAN and WAN, and facilitate its use by members of the WPI community.

### JOB DESCRIPTION

#### Responsibilities:

- \* Maintain the data network system including switches, routers, and wireless access points.
- \* Maintain and document data wiring and fiber infrastructure.
- \* Update and maintain network databases, documentation, inventory, monitoring applications, and IP address management (IPAM).
- \* Document the data network including topology, connections, and appropriate billing information.
- \* Collaborate with Service Desk and other departments in the escalation and resolution of data network error conditions.
- \* Assist the Network Architect in planning, design and execution of network and related projects
- \* Provide end-user support for communications and connectivity issues.
- \* Oversee and resolve standard requests including adds/moves/changes and wireless connectivity.
- \* Assist physical plant renovations as they relate to the voice, data, and video CATV infrastructure.
- \* Ensure the network is capable of 24/7 connectivity for critical uses
- \* Oversee and coordinate the student network assistants.
- \* Other related duties as assigned.

#### Requirements:

- \* Bachelor's degree in Information Technology, Computer Science, or other related degree, or a minimum of five years relevant experience.
- \* Experience with network hardware, cabling, and network management software including experience in network troubleshooting.
- \* Able to multitask, prioritize, and manage time efficiently
- \* A thorough knowledge of Ethernet, wireless Ethernet, and TCP/IP networking.
- \* Understanding of DNS, DHCP, and RADIUS protocols.
- \* Experience or certification with Juniper Networks routing and switching preferable.
- \* Experience with Aruba Networks wireless portfolio and Clearpass preferable.
- \* Experience with Efficient IP or other IPAM/DDI systems preferred.
- \* A working understanding of code and script (PHP, Python, Perl or similar).
- \* Ability to communicate clearly with all WPI community members and affiliates.
- \* Palo Alto firewalls experience is preferred.

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\* Experience with core routing protocols that include MPLS, BGP, and OSPF.

### FLSA STATUS

United States of America (Exempt)

WPI is an Equal Opportunity Employer. All qualified candidates will receive consideration for employment without regard to race, color, age, religion, sex, sexual orientation, gender identity, national origin, veteran status, or disability. We are seeking individuals with diverse backgrounds and experiences who will contribute to a culture of creativity and collaboration, inclusion, problem solving and change making.

To apply, visit: [url=https://apptrkr.com/1557570]https://wpi.wd5.myworkdayjobs.com/en-US/WPI\_External\_Career\_Site/job/Worcester/Senior-Network-Engineer\_R0000450

### About WPI

WPI is a vibrant, active, and diverse community of extraordinary students, world-renowned faculty, and state of the art research facilities. At WPI, we have competitive and comprehensive benefits, including health insurance, long-term care, retirement, tuition assistance, flexible spending accounts, work-life balance and much more.

### Diversity & Inclusion at WPI

WPI is committed to creating an inclusive workplace where everyone feels valued and respected; a place where every student, faculty and staff member can be themselves, so that they can study, live, and work comfortably, to reach their full potential, and make meaningful contributions in order to meet departmental and institutional goals. WPI thrives on innovative practice and welcomes diverse perspectives, insight, and people from diverse lived experiences, to enhance the community environment and propel the institution to the next level in a competitive, global marketplace.

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.



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Please see the job description for contact details  
pertaining to this university job announcement.