

Network Applications and Automation Engineer  
University at Buffalo, The State University of New York

Direct Link: <https://www.AcademicKeys.com/r?job=252459>

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Posted Jan. 30, 2025, set to expire Aug. 4, 2025

<b>Job Title</b>	Network Applications and Automation Engineer
<b>Department</b>	Network and Communication Services
<b>Institution</b>	University at Buffalo, The State University of New York Buffalo, New York
<b>Date Posted</b>	Jan. 30, 2025
<b>Application Deadline</b>	Open until filled
<b>Position Start Date</b>	Available immediately
<b>Job Categories</b>	Professional Staff
<b>Academic Field(s)</b>	Information Technology
<b>Job Website</b>	<a href="https://www.ubjobs.buffalo.edu/postings/55552">https://www.ubjobs.buffalo.edu/postings/55552</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

### Position Summary

As a **Network Applications and Automation Engineer** you will support the network monitoring, configuration, and automation in the [Network and Communications Services](#) (NCS) unit at UB. Partnering with network engineers you will work on ways to automate changes and improve effectiveness of the team.

### Your responsibilities include:

- Select and pilot network applications
- Transition from legacy closed-source products to commercial or open-source applications, reducing technical debt

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- Share performance and availability information via public dashboards
- Maintain the NCS code base
- Design, configure, and maintain systems, applications, and complex monitoring tools; support and administration of enterprise-level networking software systems
- Ensure availability and maintainability of on-premise and cloud-based applications of critical voice and data systems
- Evaluate, configure, and support vendor-supplied utilities and software packages; make recommendations for usage and adoption
- Automate processes and integrate third-party systems using APIs to transfer data between network-based systems
- Apply orchestration technologies where appropriate for implementation
- Understand application/script development, quality assurance and data integration methodologies, using source control systems like Git
- Understand core networking components (routers, firewalls, wireless management, VoIP, VPN's, switches and related operation systems
- Collaborate with customers and technical colleagues with varying backgrounds

It is a great time to join **UB Information Technology (UBIT)**! Our staff are highly skilled and motivated to succeed and have cutting-edge training and technical resources at their disposal. For more information about UBIT visit our [website](#). All the duties and responsibilities listed above continue to occur in a 24x7 environment, therefore, working extended hours, holidays, or varied hours may be required.

### Learn More:

- Our [benefits](#), where we prioritize your well-being and success to enhance every aspect of your life.
- Being part of the [University at Buffalo community](#).

### About The University at Buffalo

The University at Buffalo (UB) #ubuffalo is one of America's leading public research universities and a flagship of the State University of New York system, recognized for our excellence and our impact. UB is a premier, research-intensive public university dedicated to academic excellence. Our research, creative activity and people positively impact the world. Like the city we call home, UB is distinguished by a culture of resilient optimism, resourceful thinking and pragmatic dreaming that enables us to reach others every day. Visit our website to learn more about the [University at Buffalo](#).



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*University at Buffalo is an affirmative action/equal opportunity employer and, in keeping with our commitment, welcomes all to apply including veterans and individuals with disabilities.*

### Minimum Qualifications

- Bachelors degree with 2 years experience in networking, scripting, or similar environment
- Working knowledge of Python
- Working knowledge of basic network protocols (PING, ARP, DNS, DHCP, and SNMP)
- Experience in networking and analytical techniques, and expertise in selected areas of computer applications and networks. Equivalent combination of education and experience will be considered.
- This position may require occasional travel between each university campus and off-campus. Must have the ability to demonstrate that the candidate can meet the transportation needs of this position.
- Applicants must be authorized to work in the United States on a full-time basis without visa sponsorship.

### Preferred Qualifications

- Knowledge of open-source network automation platforms including Ansible and NetBox
- Knowledge of network management applications such as Grafana, Cacti
- Knowledge of the Linux operating systems and command-line tools

### Contact Information

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

### Contact