

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

Direct Link: <https://www.AcademicKeys.com/r?job=242248>

Downloaded On: Jul. 27, 2024 12:18pm

Posted Jul. 26, 2024, set to expire Nov. 25, 2024

Job Title	Network Applications and Automation Engineer
Department	Network and Communication Services
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Jul. 26, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Information Technology
Job Website	https://www.ubjobs.buffalo.edu/postings/51805
Apply By Email	
Job Description	

Position Summary

As a **Network Applications and Automation Engineer** you will support the network monitoring, configuration, and automation. Partnering with network engineers you will work on ways to automate changes and improve effectiveness of the team.

Your responsibilities include:

- Selecting and piloting network applications.
- Transitioning from legacy closed-source products to commercial or open-source alternatives, reducing technical debt
- Sharing performance and availability information via public dashboards.

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- Maintaining the NCS code base.
- Designing, configuring, and maintaining systems, applications and complex monitoring tools; supporting and administration of enterprise-level networking systems.
- Ensuring availability of on-premise and cloud-based applications.
- Evaluating and supporting vendor-supplied utilities and software packages.
- Automating processes and integrating third-party systems using APIs.
- Applying orchestration technologies where appropriate.
- Understanding application/script development, quality assurance and data integration methodologies, using source control systems like Git.
- Understanding core networking components (routers, firewalls, wireless management, VoIP, VPN, switches and operation systems
- Collaborating with customers and technical colleagues.

About UBIT:

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 & responsibilities listed above continue to occur in a 24x7 environment, therefore, working extended hours, holidays, or varied hours may be required.

Outstanding Benefits:

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Working at UB comes with benefits that exceed salary alone. There are personal rewards including comprehensive health and retirement plan options. We also focus on creating and sustaining a healthy mix of work, personal and academic pursuit – all in an effort to support your work-life effectiveness. We support your growth and development through our career coaching and training department and we qualify as a public service loan forgiveness organization. Learn more about the great [benefits](#) the University at Buffalo has to offer.

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](#).

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 two 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.
- Applicants must be authorized to work in the United States on a full-time basis. We are unable to sponsor or take over sponsorship of an employment Visa at this time.
- 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.

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.

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Contact Information

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

Contact

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