Network Applications and Automation Engineer
University at Buffalo

Job Title	Network Applications and Automation Engineer
Department	
Institution	University at Buffalo
	Buffalo, New York
Date Posted	Apr. 25, 2025
Application Deadline	05/23/2025
Position Start Date	Available immediately
Job Categories	Professional Staff
Academic Field(s)	Computer Engineering
	Computer Science
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Job Description	

Network Applications and Automation Engineer

Position Information

Position Title: Network Applications and Automation Engineer
Department: Network and Communication Services
Posting Link: https://www.ubjobs.buffalo.edu/postings/56788
Job Type: Full-Time

Posting Detail Information

Position Summary

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

In this role you will:

- Retire legacy closed-source products in favor of commercial or open-source applications
- Transition from legacy closed-source products to commercial or open-source applications, reducing technical debt
- Share performance and availability information through public dashboards
- Design, configure, and maintain systems, applications, and complex monitoring tools along with support and administration of enterprise level networking software systems and code base within Git
- Ensure availability and maintainability of critical on-premises and cloud-based applications
- 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 and containerization technologies where appropriate for implementation
- Have a solid understanding of application/script development, quality assurance and data integration methodologies, and be capable of using a source control system like Git.

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 247 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**.

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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 two years experience in networking, scripting, or similar environment. A combination of education and experience will be considered in lieu of the degree requirement.
- Working knowledge of Python and Linux operating systems
- Working knowledge of basic network protocols (PING, ARP, DNS, DHCP, and SNMP)
- Understanding core level networking, and analytical techniques, and expertise in computer applications and networks
- Applicants must be authorized to work in the United States on a full-time basis without visa sponsorship
- 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 various tools including Ansible, Git, NetBox, OpenShift, Kubernetes, Perl, Grafana and APIs
- Knowledge of network management applications such as Cacti, InterMapper, Rancid, OpenNMS, Akips and Auvik
- Knowledge of MySQL and other relational database platforms and principals

Physical Demands

Constantly operates a computer and other office productivity machinery.
Must be able to use a computer system and legacy applications

Salary Range
$70,000 - $80,000

Special Instructions Summary

Is a background check required for this posting?
No

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Contact Information

Contact's Name: Ronald Ternowski
Contact's Pronouns:
Contact's Title: Assistant Director, NCS
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Posting Dates

Posted: 04/24/2025
Deadline for Applicants:
Date to be filled: 06/23/2025

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Contact Information

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

Contact

N/A

University at Buffalo

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