

Systems and Security Administrator, Medicine
University at Buffalo, The State University of New York

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Posted Jun. 21, 2024, set to expire Oct. 21, 2024

Job Title	Systems and Security Administrator, Medicine
Department	Medicine
Institution	University at Buffalo, The State University of New York Buffalo, New York
Date Posted	Jun. 21, 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/50885

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Job Description

The [Department of Medicine](#) within the Jacobs School of Medicine and Biomedical Sciences seeks a **Systems and Security Administrator**. In this role as a Systems and Security Administrator you will work under supervision, to craft and sustain enterprise level services, combining computing and information systems expertise. Duties will include planning, implementing, upgrading, and monitoring security measures and investigating and implementing the development of new tools, software and technology.

Provide advanced systems support

- Responsible for maintaining systems in compliance with UBIT minimum security requirements for networked endpoints/servers. Work with the Office of Medical Computing (OMC) as needed or requested to review and confirm these requirements are met. Promptly respond to and mitigate security issues identified by OMC or UB Information Technology (UBIT).

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- Support and troubleshoot Linux, UNIX, and cloud services and ensure system security and compliance with regulations.
- Design and implement complex systems infrastructure.
- Develop approaches to complicated problems where diagnostic data is incomplete.
- Manage technical projects, provide expert consulting on technical initiatives, and actively participate in discussions on necessary infrastructure, budget needs, and service planning.

Ensure security measures for the protection of computer networks

- Ensure appropriate security controls to safeguard digital files and vital electronic infrastructure.
- Evaluate, test, coordinate, monitor, and maintain information security. Identify security risks and exposures, determine causes of security violations and suggest procedures to halt future incidents.
- Develop techniques and procedures for conducting information systems security risk assessments and compliance audits, and evaluating and testing hardware, firmware, and software.
- Monitor, evaluate, and maintain systems and procedures to protect the data systems and databases from unauthorized users.
- Research, recommend and implement changes to procedures and systems to enhance data systems security.

Investigate and implement new tools, software, and technology

- Provide technical expertise and translate user requirements to actionable systems.
- Prepare detailed specifications for project management plans.
- Review new systems design and develop plans for future applications to provide more cost effective, flexible, or user friendly environment.
- Design, modify and analyze programming applications and make recommendations for system improvements and enhancements.
- Design, code, test, debug, modify and document moderately complex systems. Ensure systems are successfully implemented.

Outstanding Benefits Package

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

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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 our [benefit packages](#).

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](#).

As an Equal Opportunity / Affirmative Action employer, the Research Foundation will not discriminate in its employment practices due to an applicant's race, color, religion, sex, sexual orientation, gender identity, national origin and veteran or disability status.

Contact Information

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

Contact