

Audiovisual Systems Programmer, IT Customer Service  
University at Buffalo, The State University of New York

Direct Link: <https://www.AcademicKeys.com/r?job=231924>

Downloaded On: May. 9, 2024 10:26am

Posted Feb. 28, 2024, set to expire Aug. 4, 2024

<b>Job Title</b>	Audiovisual Systems Programmer, IT Customer Service
<b>Department</b>	IT Customer Service
<b>Institution</b>	University at Buffalo, The State University of New York Buffalo, New York
<b>Date Posted</b>	Feb. 28, 2024
<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>	Research/Technical/Laboratory Information Technology
<b>Job Website</b>	<a href="https://www.ubjobs.buffalo.edu/postings/48810">https://www.ubjobs.buffalo.edu/postings/48810</a>

**Apply By Email**

**Job Description**

Position Summary

The **Audiovisual Systems Programmer** plays a pivotal role in designing, implementing, and maintaining audiovisual systems, immersive content environments, and control solutions to enhance teaching and learning and collaboration experiences across our campus. This position collaborates with faculty, staff, technical teams, and campus partners to create sophisticated AV (Audiovisual) solutions that support diverse educational needs. The Audiovisual Systems Programmer is responsible for the programming, design, and installation for all University at Buffalo (UB) centrally supported AV systems across three campuses. They will work with critical stakeholders, project managers, consultants, contractors, and design teams to create integrated presentation, entertainment, and media

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production systems.

### **Roles & Responsibilities Include:**

- Develops programming control solutions for complex audiovisual systems, configures and commissions DSP devices, and collaborates with network and server teams on the configuration and setup of instructional management server (Fusion) and XIO cloud applications
- Collaborate with stakeholders to understand the AV requirements for classrooms, lecture halls, conference rooms, and other educational spaces
- Program custom audiovisual solutions to meet the specific needs of each environment
- Develop and program systems to provide intuitive user interfaces for managing audio, video, and other AV equipment
- Recommends the necessary hardware, software, and networking components required for seamless integration
- Maintains version control and library of all programs ensuring systems are up to date, firmware is current, and systems are secure
- Provide ongoing programming support and maintenance for existing audio video systems across campus
- Diagnose and resolve technical issues related to AV equipment and programming
- Conduct regular system checks and programming updates to ensure optimal performance and reliability
- Maintain expertise on emerging academic technologies and their appropriate applications for learning spaces at UB. Where appropriate, recommend technologies for pilot evaluation in consultation with IT Customer Service leadership. Conduct benchmark research to identify classroom technology support issues and trends.

### **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 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

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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 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](#).

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

- Bachelor's degree in computer science, electronics, or a related field with 3 years of computer programming experience. A combination of education and experience will be considered
- This position requires local travel between each university campus and off-campus. Must demonstrate the ability to meet the transportation needs of this position
- Ability to write structured application/interface code from specifications conforming to established methodology and standards for AV systems such as Q-SYS, Crestron and Extron control systems
- Applicants must be eligible to work within the United States on a full time basis. We are unable to sponsor or take over sponsorship of employment visa at this time

### Preferred Qualifications

- Demonstrated proficiency in C++, C#, Python, HTML 5, working knowledge of IP based systems and network topologies and layers
- Experience with Unity, or Unreal engine
- 3 or more years of experience working in a highly complex higher education environment
- AVIXA (Audio Visual and Integrated Experience Association) CTS, CTS-D or CTS-I
- Crestron Certified Programmer certification or be able to obtain a certified programmer certificate within eighteen months of hire
- BiAmp TesiraForte certification
- Dante certification
- COMP TIA network

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- Ability to read and interpret building plans, blueprints, and schematics to incorporate infrastructure and media systems into new and remodel projects

**Physical Demands**

- Must be able to identify colors used for standard wire coding
- Occasionally ascends and descends a ladder to install and/or repair A/V equipment weighing up to 50 pounds

**Contact Information**

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

**Contact**

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