

AV IT Engineer 4 (7355U) - College of Engineering
University of California, Berkeley

Direct Link: <https://www.AcademicKeys.com/r?job=239257>

Downloaded On: Jul. 27, 2024 12:11pm

Posted Jul. 26, 2024, set to expire Nov. 7, 2024

Job Title AV IT Engineer 4 (7355U) - College of Engineering
Department College of Engineering
Institution University of California, Berkeley
Berkeley, California

Date Posted Jul. 26, 2024

Application Deadline Open until filled
Position Start Date Available immediately

Job Categories Professional Staff

Academic Field(s) Information Technology

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Job Description

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About Berkeley

At the University of California, Berkeley, we are committed to creating a community that fosters equity of experience and opportunity, and ensures that students, faculty, and staff of all backgrounds feel safe, welcome and included. Our culture of openness, freedom and belonging make it a special place for students, faculty and staff.

The University of California, Berkeley, is one of the world's leading institutions of higher education, distinguished by its combination of internationally recognized academic and research excellence; the transformative opportunity it provides to a large and diverse student body; its public mission and

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commitment to equity and social justice; and its roots in the California experience, animated by such values as innovation, questioning the status quo, and respect for the environment and nature. Since its founding in 1868, Berkeley has fueled a perpetual renaissance, generating unparalleled intellectual, economic and social value in California, the United States and the world.

We are looking for equity-minded applicants who represent the full diversity of California and who demonstrate a sensitivity to and understanding of the diverse academic, socioeconomic, cultural, disability, gender identity, sexual orientation, and ethnic backgrounds present in our community. When you join the team at Berkeley, you can expect to be part of an inclusive, innovative and equity-focused community that approaches higher education as a matter of social justice that requires broad collaboration among faculty, staff, students and community partners. In deciding whether to apply for a position at Berkeley, you are strongly encouraged to consider whether your values align with our [Guiding Values and Principles](#), our [Principles of Community](#), and [our Strategic Plan](#).

At UC Berkeley, we believe that learning is a fundamental part of working, and our goal is for everyone on the Berkeley campus to feel supported and equipped to realize their full potential. We actively support this by providing all of our staff employees with at least 80 hours (10 days) of paid time per year to engage in professional development activities. To find out more about how you can grow your career at UC Berkeley, visit grow.berkeley.edu.

Departmental Overview

The College of Engineering (COE) at UC Berkeley is recognized for its educational and research excellence, consistently ranking among the top three Engineering colleges in the United States. With more than 225 regular faculty members, 1,800 graduate students and 3,100 undergraduate students located in seven academic departments, Engineering is the second largest college on the Berkeley campus. The multi-unit Dean's Office provides administrative, student services, development, capital projects, and facilities management services. COE occupies ten buildings on the Berkeley campus and collaborative research facilities in Blum Center, Berkeley Way West, Helios, Stanley Hall, and Sutardja Dai Hall along with other remote sites such as Mudd Hall, Shires Hall, 2150 Shattuck Ave, and the Stadium. Operating expenditures for the College as a whole are close to 230 million annually.

This position designs, installs, manages, and provides technical support for audiovisual systems within College of Engineering facilities. Engages with community members to gather requirements and provide guidance; designs AV IT systems using industry best practices; selects and procures reliable hardware and software; installs, configures, and maintains equipment to meet professional standards; provides thoughtful and timely end user audiovisual support; and manages projects and oversees

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vendor services to meet unit AV IT goals.

Application Review Date

The First Review Date for this job is: July 25, 2024 - Open Until Filled

Responsibilities

30% AV IT System Design and Installation

- Design, install, and manage complex AV IT systems in meeting rooms, classrooms, lecture halls, auditoriums, and other facilities, based on organizational needs, codes and regulations, and industry best practices. Responsibilities include gathering of requirements, design, engineering, hardware and software procurement, installation, testing, writing documentation, and user training.
- Participate in short- and long-range planning efforts, conduct product research, and provide recommendations for emerging technologies and new approaches for the use of AV IT technology to facilitate instruction, administration, and research.
- Create detailed proposals including AV signal flow diagrams, schematics, and infrastructure drawings for facilities and systems.
- Evaluate hardware and software products to meet user requirements, usability and reliability standards, and ensure compatibility with campus AV and IT guidelines.
- Provide AV IT consulting for the College of Engineering Dean's Office, COE departments, and other COE units on specialized audiovisual needs.
- Coordinate with other College of Engineering technical staff in planning and implementing interdepartmental systems and solutions. Interact regularly with AV and IT staff from across campus, and participate in campus and college-wide AV IT management groups.

30% End User and Event Support

- Assist users with day-to-day usage of AV equipment in the College of Engineering Dean's Office, Engineering Center, and other COE facilities, responding promptly to time-sensitive requests.
- Provide standby support for high-priority hybrid meetings, Zoom Room calls, and presentations.
- Provide audiovisual support for special events, including equipment setup, streaming, recording, mixing, editing, and sharing finished media.

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20% Project and Vendor Management

- Participate in stakeholder meetings to ensure end-user needs are met.
- Make recommendations on installation plans, including the creation of documentation, drawings, and schematics needed to hire outside vendors, and lead on-site bid walks.
- Select, negotiate with, and oversee outside contractors in the acquisition, installation, and testing of AV IT systems.
- Ensure that AV IT installations are documented with system and rack drawings, wire lists, and other internal and end-user documentation, and verify that projects are installed to plan specifications.
- Ensure that projects come in on time and on budget.
- Coordinate with architects, construction engineering teams, vendors, and contractors regarding AV IT design and installation and ensure that projects meet specifications.
- Monitor change requests, requests for information, submittals, and other key project-related documents and report any effect on the project's budget.
- Coordinate inspections of complex projects with institutional inspectors.

20% AV IT System Maintenance

- Perform regular maintenance and troubleshooting of complex AV IT systems, including walkthrough inspections, programming, firmware updates, device testing, and cable repair.

Required Qualifications

- Experience installing, programming, operating, and maintaining audiovisual systems such as projectors, video walls, digital signage, PTZ cameras, audio processors, microphone arrays, mixers, control systems, software, and cabling following industry standards and best practices as well as applicable codes and regulations.
- Advanced knowledge of audio, video, AV IT control systems, AV over IP, electronics theory, acoustic design, and architectural and cabling requirements.
- Ability to interpret and create AV flow diagrams, schematics, and AV infrastructure drawings, and to write technical and user documentation in a clear and concise manner.
- Experience managing AV projects including obtaining scope, budget, planning, design, bid preparation, installation, inspection, testing, and user training.
- Project management skills needed to accomplish objectives while maintaining a climate of

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fairness, cooperation, and professionalism.

- Interpersonal and customer service skills for working with and supporting technical and non-technical personnel from diverse backgrounds.
- Problem-solving skills, creativity, motivation to learn, attention to detail, and persistence to work through challenging technical issues.
- Ability to communicate in a clear and concise manner.

Preferred Qualifications

- Applicable professional certifications preferred.

Salary & Benefits

For information on the comprehensive benefits package offered by the University, please visit the University of California's [Compensation & Benefits](#) website.

Under California law, the University of California, Berkeley is required to provide a reasonable estimate of the compensation range for this role and should not offer a salary outside of the range posted in this job announcement. This range takes into account the wide range of factors that are considered in making compensation decisions including but not limited to experience, skills, knowledge, abilities, education, licensure and certifications, analysis of internal equity, and other business and organizational needs. It is not typical for an individual to be offered a salary at or near the top of the range for a position. Salary offers are determined based on final candidate qualifications and experience.

The budgeted salary or hourly range that the University reasonably expects to pay for this position is \$80,400.00 to \$112,900.00 yearly. This is a 100% FTE career position eligible for full benefits. This position is Exempt and paid monthly.

Conviction History Background

This is a designated position requiring fingerprinting and a background check due to the nature of the job responsibilities. Berkeley does hire people with conviction histories and reviews information received in the context of the job responsibilities. The University reserves the right to make employment contingent upon successful completion of the background check.

Equal Employment Opportunity

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The [University of California's Affirmative action policy](#).

The [University of California's Anti-Discrimination policy](#).

To apply, visit

https://careerspub.universityofcalifornia.edu/psp/ucb/EMPLOYEE/HRMS/c/HRS_HRAM.HRS_APP_SCH

Contact Information

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

Contact

N/A

University of California, Berkeley

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