

Assistant/Associate Professor of Practice, Software  
Engineering & Director, SFWE Program  
University of Arizona

Direct Link: <https://www.AcademicKeys.com/r?job=248179>

Downloaded On: Dec. 18, 2024 7:20am

Posted Nov. 4, 2024, set to expire Mar. 6, 2025

**Job Title** Assistant/Associate Professor of Practice, Software Engineering & Director,  
SFWE Program

**Department** Systems and Industrial Engineering  
<https://sie.engineering.arizona.edu>

**Institution** University of Arizona  
Tucson, Arizona

**Date Posted** Nov. 4, 2024

**Application Deadline** Open until filled

**Position Start Date** Start of Fall 2025

**Job Categories** Prof of Practice/Clinical Prof  
Director/Manager

**Academic Field(s)** Computer Engineering  
Computer Science

**Job Website** <https://arizona.csod.com/ux/ats/careersite/4/home/requisition/20926?c=arizona>

**Apply By Email**

**Job Description**

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## Position Description

The Department of Systems and Industrial Engineering (SIE) in the College of Engineering (COE) is seeking a candidate for a career-track faculty position at the Associate Professor of Practice Rank for the Software Engineering (SFWE) degree programs. The successful candidate will serve as the Director of the SFWE program in addition to teaching courses in the Software Engineering programs. We seek a candidate who can demonstrate strong leadership, outstanding teaching methods, as well as the ability to develop and teach undergraduate and graduate courses in a variety of formats (e.g., on campus, online, distance). The candidate is expected to continue to build and maintain a strong SFWE program, teach courses, contribute to mentoring students, including those from traditionally underrepresented backgrounds, establish and maintain ABET accreditation of the BS degree program in SFWE, work with the SIE Department Head and other Directors in SIE to hire new faculty in SFWE, supervise the Academic Advisor and Graduate Coordinator of SFWE program, coordinate SFWE faculty teaching roles, outreach to graduates of the SFWE program, and outreach to industry. The desired Software Engineering teaching areas include but not limited to the following: Databases and/or Data Persistence, Operating Systems, Networking, HPC/Distributed Computing, and Software Development Operations (DevOps/DevSecOps); while being familiar with Python, C/C++, Java and/or other programming languages. The SFWE program places a high value on collaboration both within the specific degree program, but also across other engineering disciplines. We are particularly interested in candidates who can work with a diverse student population, stakeholders, and colleagues.

For more information on position definitions [click here](#).

*This career-track appointment is not eligible for tenure.*

*Outstanding UA benefits include health, dental, and vision insurance plans; life insurance and disability programs; sick leave and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; state and optional retirement plans; access to UA recreation and cultural activities; and more!*

The University of Arizona has been recognized for our innovative work-life programs. For more information about working at the University of Arizona and relocations services, please click here <http://talent.arizona.edu/>.

## Duties & Responsibilities

- Oversee the BS, MS, and PhD degree programs in SFWE program.
- Initiate curricula changes and approves electives associated with the degree programs in SFWE.
- Maintain ABET accreditation of the undergraduate degree program in SFWE.

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- Support preparation of Academic Program Review of the SIE departments, especially for the SFWE program.
- Teach undergraduate courses at multiple sites using a variety of formats, including on campus, online, and interactive video platforms.
- Collaborate effectively with colleagues across disciplinary lines.
- Engage students in active learning, encouraging class participation, and provide support in completing class assignments / projects.
- Develop / prepare course syllabi, assignments, and activities for course delivery.
- Mentor and advise students with respect to career goals.
- Support and coordinate SFWE faculty teaching roles.
- Contribute to COE and the University of Arizona's development through appropriate outreach to local communities (including government units, businesses, nonprofit organizations, and area residents).
- Outreach to graduates of the SFWE program.
- Additional duties may be assigned.

### Minimum Qualifications

- Ph.D. in the discipline of instruction or a closely related field to the teaching and administrative duties expected.
- Selected candidate must provide education credentials during the offer discussions.

### Preferred Qualifications

- Ph.D. in Computer Science, Software Engineering, Computer Engineering, or closely related field.
- Demonstrated professional experience in innovative teaching methods, specifically in distance modalities.
- Demonstrated professional experience in undergraduate research and applied learning.
- Relevant industry experience.

<b>Rank</b>	To be Determined
<b>Tenure Information</b>	Career-Track (CT)
<b>FLSA</b>	Exempt
<b>Full Time/Part Time</b>	Full Time
<b>Number of Hours Worked per Week</b>	40
<b>Job FTE</b>	1.0
<b>Work Calendar</b>	Fiscal

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<b>Job Category</b>	Faculty
<b>Benefits Eligible</b>	Yes - Full Benefits
<b>Rate of Pay</b>	\$100,000 - \$160,000
<b>Compensation Type</b>	salary at 1.0 full-time equivalency (FTE)
<b>Type of criminal background check required:</b>	Name-based criminal background check (non-security sensitive)
<b>Number of Vacancies</b>	1
<b>Target Hire Date</b>	Start of Fall 2025
<b>Expected End Date</b>	
<b>Contact Information for Candidates</b>	Dr. Pratik Satam   pratiksatam@arizona.edu Mauro Oliveros   moliveros@arizona.edu
<b>Open Date</b>	10/17/2024
<b>Open Until Filled</b>	Yes
<b>Documents Needed to Apply</b>	Curriculum Vitae (CV), Cover Letter, and Two Additional Documents

**Please submit the following Four (4) documents:**

- 1) Curriculum Vitae
- 2) Cover Letter
- 3) Statement of Vision for SFWE and Teaching Interests in the 'Additional Document slot 1'
- 4) THREE References/Referees' Contact Information (phone and email) in the 'Additional Document slot 2'

**EEO/AA Policy**

**Diversity Statement**

At the University of Arizona, we value our inclusive climate because we know that diversity in experiences and perspectives is vital to advancing innovation, critical thinking, solving complex problems, and creating an inclusive academic community. As an Hispanic-serving institution and a Native American/Alaska Native-serving institution, we translate these values into action by seeking individuals who have experience and expertise working with diverse students, colleagues, and constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we



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provide equal employment opportunities to applicants and employees without regard to race, color, religion, sex, national origin, age, disability, veteran status, sexual orientation, gender identity, or genetic information. As an Employer of National Service, we also welcome alumni of AmeriCorps, Peace Corps, and other national service programs and others who will help us advance our Inclusive Excellence initiative aimed at creating a university that values student, staff and faculty engagement in addressing issues of diversity and inclusiveness.

### **Notice of Availability of Annual Security and Fire Safety Report**

In compliance with the Jeanne Clery Disclosure of Campus Security Policy and Campus Crime Statistics Act (Clery Act), each year the University of Arizona releases an [Annual Security Report \(ASR\)](#) for each of the University's campuses. These reports disclose information including Clery crime statistics for the previous three calendar years and policies, procedures, and programs the University uses to keep students and employees safe, including how to report crimes or other emergencies and resources for crime victims. As a campus with residential housing facilities, the Main Campus ASR also includes a combined Annual Fire Safety report with information on fire statistics and fire safety systems, policies, and procedures.

Paper copies of the Reports can be obtained by contacting the University Compliance Office at [cleryact@arizona.edu](mailto:cleryact@arizona.edu).

### **Contact Information**

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

**Contact** Dr. Pratik Satam  
Systems and Industrial Engineering  
University of Arizona  
Tucson, AZ 85721

**Contact E-mail** [pratiksatham@arizona.edu](mailto:pratiksatham@arizona.edu)