ASSISTANT/ASSOCIATE PROFESSOR OF PRACTICE, SOFTWARE ENGINEERING
University of Arizona

Job Title	ASSISTANT/ASSOCIATE PROFESSOR OF PRACTICE, SOFTWARE ENGINEERING
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
Academic Field(s)	Computer Engineering Computer Science
Job Website	https://arizona.csod.com/ux/ats/careersite/4/home/requisition/20930?c=arizona
Apply By Email	
Job Description	

Position Highlights

Systems and Industrial Engineering in the College of Engineering (CoE) is seeking a candidate for a career-track faculty position at the Assistant /Associate Professor of Practice Rank for the Software Engineering program for on-campus, distance and online students.

We seek a candidate who can demonstrate outstanding teaching methods as well as the ability to develop and teach undergraduate courses in a variety of formats (e.g., on-campus, online, interactive video). The program places a high value on collaboration both within the specific degree program and across other engineering disciplines. We seek individuals who bring leadership and a commitment to academic excellence. We are particularly interested in candidates who can work with a diverse student population, stakeholders, and colleagues.

The desired Software Engineering teaching areas include but are 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. We are seeking a candidate who will demonstrate curricula development and instruction consistent with the department and college's purpose, vision, and values.

The Assistant/Associate Professor of Practice, Software Engineering will contribute to building a strong team of culturally diverse faculty and staff who are committed to preparing traditional, post-traditional, and transfer students for success in the 21st-century workforce.

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; paid vacation, sick leave, and holidays; UA/ASU/NAU tuition reduction for the employee and qualified family members; 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**.

Duties & Responsibilities

- Maintain a workload typical for a career track faculty within the CoE defined as 80% related to teaching and 20% related to service.

ASSISTANT/ASSOCIATE PROFESSOR OF PRACTICE, SOFTWARE ENGINEERING
University of Arizona

- Teach undergraduate and graduate level 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.
- Manage classroom interactions and establish and maintain a climate that encourages learning across multiple delivery platforms.
- Contribute to the service responsibilities of the CoE and the University of Arizona, in part through participation on committees and student mentoring, including those from underrepresented backgrounds.
- 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).
- Assist in the development of innovative approaches to enhancing student engagement, increasing diversity, and expanding collaborations with community and business partners.
- Develop/prepare course syllabi, assignments, and activities for course delivery.
- Prepare and deliver course lectures/workshops.
- Critique and grade student assignments and examinations.
- Participate in advising and mentoring students.
- Maintain regular in-person and virtual office hours and/or be available to students by appointment.
- Additional duties may be assigned.

Minimum Qualifications

- M.S. degree in the discipline of instruction or a closely related field to the teaching duties expected.
    - If candidate's highest degree attained is a master's degree in a relevant field, they must also have:
    1. Significant previous practical experience (e.g., executive in a large company, top executive in a small company, or business owner); OR Eighteen (18) additional units of graduate coursework in engineering or a related field; OR
    2. Any equivalent combination of other master's degrees, graduate-level education, teaching experience, and/or practical experience that will bring value to the students' learning experience as determined by the faculty members on the search committee at the time of hire; OR
    3. Tested experience to include: professional certifications and achievement in engineering, or a related field, directly relevant to the subjects taught; OR
    4. Three or more years of relevant work experience (e.g. in private sector) in engineering or a

related field; OR
5. Current doctoral student with departmental recommendation.

Preferred Qualifications

- Ph.D. in Computer Science, Software Engineering, Computer Engineering, or a 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.

Rank: To be Determined

Tenure Information: Career-Track (CT)

FLSA: Exempt

Full Time/Part Time: Full Time

Number of Hours Worked per Week:40

Job FTE:1.0

Work Calendar: Fiscal

Job Category: Faculty

Benefits Eligible: Yes - Full Benefits

Rate of Pay:$100,000 - $160,000

Compensation Type:salary at 1.0 full-time equivalency (FTE)

Type of criminal background check required: Name-based criminal background check (non-security sensitive)

ASSISTANT/ASSOCIATE PROFESSOR OF PRACTICE, SOFTWARE ENGINEERING
University of Arizona

Number of Vacancies:1

Contact Information for Candidates: Dr. Pratik Satam | pratiksatam@arizona.edu, Mauro Oliveros | moliveros@arizona.edu

Open Date:10/17/2024

Open Until Filled: Yes

Documents Needed to Apply: Curriculum Vitae (CV), Cover Letter, and Two Additional Documents

Special Instructions to Applicant -

Please submit the following FOUR (4) documents:

    1) Curriculum Vitae

    2) Cover Letter

    3) Statement of Vision for SFWE and Teaching Statement 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

ASSISTANT/ASSOCIATE PROFESSOR OF PRACTICE, SOFTWARE ENGINEERING
University of Arizona

constituencies. Because we seek a workforce with a wide range of perspectives and experiences, we 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.

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   pratiksatam@arizona.edu