

Software Engineering - (Assistant / Associate Professor)
University of Doha for Science and Technology

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Posted Oct. 28, 2024, set to expire May 4, 2025

Job Title	Software Engineering - (Assistant / Associate Professor)
Department	College of Computing and Information Technology
Institution	University of Doha for Science and Technology Doha, Doha, Qatar
Date Posted	Oct. 28, 2024
Application Deadline	Open until Filled
Position Start Date	August 2025
Job Categories	Assistant Professor Associate Professor
Academic Field(s)	Computer Engineering Computer Science
Job Website	https://www.udst.edu.qa/
Apply Online Here	https://academiccareers-udst.icims.com/jobs/3748/00002765---software-engineering/job?in_iframe=1

Apply By Email

Job Description

University of Doha for Science and Technology (UDST) was officially established by the Emiri Decision No13 of 2022, and it is the first national university specializing in academic applied, technical, and professional education in the State of Qatar. UDST has over 70 bachelor's and master's degree programs, diplomas, and certificates. The university houses 5 colleges: The College of Business, the College of Computing and Information Technology, the College of Engineering and Technology, the College of Health Sciences, and the College of General Education, in addition to specialized training centers for individuals and companies. UDST is recognized for its student-centered learning and state-of-the-art facilities. Its world-renowned faculty and researchers work

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on developing the students' skills and help raise well-equipped graduates who proudly serve different sectors of the economy and contribute to achieving human, social, and economic development goals nationally and internationally.

With more than 700 staff and over 8,000 students, UDST is the destination of choice for applied and experiential learning. The University is recognized for its student-centered learning and state-of-the-art facilities. Our faculty are committed to delivering pedagogically-sound learning experiences that incorporate innovative learning technologies. Our aim is to enhance students' skills and help develop talented graduates who can effectively contribute to a knowledge-based economy and make Qatar's National Vision 2030 a reality.

Our eligible employees enjoy competitive compensation and benefits, in accordance with applicable UDST policies. These benefits include:

- Generous academic annual leave
- Tax free salary
- Fully furnished upmarket accommodation (inclusive of utilities: water & electricity)
- Annual flights for spouse and 3 children (up to 18 years old)
- Children's education allowance
- Relocation/Shipping allowance
- Professional development opportunities
- International health insurance
- In-house immigration services (to help you through the residency process)
- Full access to our recreational facilities
- Research and professional development support

The College of Computing and Information Technology invites applications for the position Assistant/ Associate Professor in Software Engineering. Exceptional candidates at the rank of Full Professor would also be considered.

Your Commitment

The primary role of the faculty members at the College of Computing and IT is to promote high-quality innovative learning, applied research, and service. Besides, he/she should collaborate with the Head of Department, Dean, and the colleagues to achieve the college's mission, mentor junior colleagues, and teaching assistants, and support the department and the college with several administrative and academic services.

Reporting to the Department Head, the successful candidate will be responsible for the development, delivery and evaluation of a broad range of courses within Software Engineering. Particular areas of interest include

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Software Architecture, Software Testing, Programming Paradigm, Requirements Engineering, and Agile Methodologies, , but candidates with strong expertise in other areas of Software Engineering will also be considered. Other duties include evaluation of student progress and management of resources of the learning environment. The successful candidate will liaise with industry and other educational institutions; participate in industry advisory committees and coordinate, manage and control projects within the specified program area. Faculty members will keep course portfolio documents required for accreditation processes and engage in instructional development/improvement plans. All employees are expected to contribute to professional and community life within the university and beyond.

Faculty members will be placed in the appropriate rank based on their education and experience (academic and/or industry). The broad criteria are provided below.

Education

PhD in Software Engineering or closely related field from an internationally recognized university with an undergraduate degree from an accredited university.

For Assistant Professor

Experience

A minimum of 3 years teaching experience in a post-secondary, adult training or industry training environment, along with preferably 3 years of employment experience as a practitioner/professional within the relevant discipline.

- A distinguished research record and international reputation evidenced by high quality publications in top tier journals.
- Demonstrated leadership in building engagement and partnership with the profession and industry.

For Associate Professor

Experience

A minimum of 8 years teaching experience in a post-secondary, adult training or industry training environment, along with preferably 3 years of employment experience as a practitioner/professional within the relevant discipline.

- A distinguished research record and international reputation evidenced by high quality publications in top tier journals.
- Excellent record of supervising research students.
- Demonstrated leadership in building engagement and partnership with the profession and industry.

Preferred Qualifications

- Professional Certification in Software Engineering.
- Diploma in Education (e.g. Post-secondary Education, Adult Education or Vocational Education) is

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preferred.

- 6+ years of employment experience (for Assistant Professor) / 10+ years of employment experience (for Associate Professor) as a practitioner/professional within the relevant discipline.
- Teaching experience in post-secondary, adult training, or industry training environment.
- Experience in leadership and innovation in technology-based projects.

Other Required Skills:

- A thorough knowledge and work experience in Machine Learning, Deep Learning, Natural Language Processing, Statistical Learning and Modeling, and IoT applications. Candidates with strong expertise in other areas of Software Engineering will be considered as well.
- Commitment to applied and experiential learning as a pedagogy and a key feature of UDST's mandate.
- Ability to design, develop, deliver, and evaluate authentic learning experiences and assessments. These should incorporate contemporary tools and resources to maximize content learning in context, and to develop the knowledge, skills, competences and attitudes identified in program outcomes.
- Digital literacy and demonstrated fluency in technology systems, and an ability to model and facilitate use of current and emerging digital tools to support research and learning.
- Demonstrated ability to develop technology-enriched learning environments that enable students to be active participants in their own learning.
- Commitment to the effectiveness, vitality, and self-renewal of the teaching profession through self-driven continuous professional development and life-long learning.
- Effective oral and written communication skills.
- Collaborative and collegial spirit and a demonstrated ability to establish rapport with learners, colleagues, sponsor-employers, and members of the community.
- Ability to initiate applied research projects.

How to Apply

Applicants must meet all essential qualifications in order to be shortlisted for the position; other qualifications may be a deciding factor in selection. Qualifications and experience will be assessed through your application, which may include but not be limited to curricula vitae, mock lectures, motivation letter, references, teaching dossiers and sample publications. It is the applicant's responsibility to provide appropriate examples that illustrate how s/he meets each requirement. Failing to do so could result in the application being rejected. We thank all applicants for applying for the role; only those selected for further consideration will be contacted.

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Contact Information

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

Contact

Qatar