

Assistant Professor - Software Engineering

Tracking Code: req292

Faculty/Department: Faculty of Engineering and Applied Science

Appointment Type: Tenured and Tenure-Track, Full-time Continuing

Number of Positions: 1

Salary Grade: Administered in accordance with the Collective Agreement

Posting Date: August 10, 2022

Application Review Date: September 25, 2022

Ontario Tech University (University of Ontario Institute of Technology), located in Oshawa, Ontario, is proud to encourage an interactive, information-sharing culture for our individual staff, and teams which enhance organizational effectiveness. Ontario Tech's innovative programs, and technology-enriched learning environment create an atmosphere of academic excellence. Ontario Tech promotes social engagement, fosters critical thinking, and integrates outcomes-based learning experiences inside and outside the classroom. We invite you to consider joining Ontario Tech's globally trained faculty as we further our reputation for providing a leading-edge learning environment and delivering innovative research.

The Department of Electrical, Computer and Software Engineering invites applications, from qualified individuals, for tenure-track and/or tenured positions at the level of Assistant or Associate Professor in the broad field of Software Engineering, with preferred expertise in any of the core areas of Software Engineering including but not limited to software quality assurance, system modelling, requirements engineering, performance engineering, software security, and artificial intelligence. This position is subject to budgetary approval, and would start on January 3, 2023, or as soon as it is filled.

The successful candidate will be expected to conduct active and innovative research programs and to teach at the undergraduate and graduate levels. Ontario Tech is a technology-enhanced learning environment and the candidate shall be expected to have skills in the integration of technology into teaching and to model those skills in their own teaching in the University's web-centric and mobile learning environment.

The successful candidate will be expected to follow a 40% Research, 40% Teaching and 20% Service workload each year.

The Department of Electrical, Computer and Software Engineering (ECSE) offers honours undergraduate degrees in Electrical Engineering, and Software Engineering. Also degrees in Engineering and Management for each of these programs are offered. The Department also offers Master's (MAsc and MEng) and PhD programs in Electrical Computer Engineering (with various specializations), Master's (MAsc and MEng) in Software Engineering, and a graduate program (MEng) in Engineering Management. The Department is committed to excellence and innovation in interdisciplinary teaching and research, which is relevant to the needs of society

and our surroundings. The Department promotes these ideals by emphasizing the integration of knowledge and technology to provide learning and research opportunities for students.

The Faculty of Engineering and Applied Science has four Engineering Departments and is located on the north campus in Oshawa, eastern part of the GTA. Further details about the Faculty of Engineering and Applied Science can be found

at: <https://engineering.ontariotechu.ca/>.

The candidate should possess a Ph.D. in Software Engineering, Electrical and Computer Engineering, Computer Science or any other related field, a strong academic background, and an established record of excellence in innovative and scholarly research leading to peer-reviewed publications.

The candidate must be registered or eligible for and committed to registration as a Professional Engineer (PEng) in the Province of Ontario. Related industrial experience or academic leadership experience would be considered an asset. The candidate must also demonstrate strong potential for outstanding teaching contributions.

In addition, candidates should possess excellent English language skills demonstrating an ability to ensure strong, two-way communications on an ongoing basis that contribute to collaborative/collegial relationships with faculty, staff, students, and the community at large.

This position falls within the bargaining unit represented by the [UOIT Faculty Association](#) and will be subject to the terms and conditions of the collective agreement between the University and the [UOIT Faculty Association](#). The collective agreement may be found on the Human Resources section of our website. Starting salary will be commensurate with experience and annual salary increases are administered as per the terms outlined in the collective agreement.

Review of applications will begin on September 25, 2022 and will continue until a suitable candidate is found. Applicants should submit in electronic format a covering letter; a curriculum vitae including a list of publications; a statement of teaching interests/experience; an outline of their present research program; a brief future research plan; and the names of three referees through the Ontario Tech website.

Ontario Tech University is an equal opportunity employer and welcomes applications from all qualified candidates, while especially encouraging applications from women, members of visible minorities, Indigenous peoples, persons with disabilities, and persons of any sexual orientation, gender identity, and gender expression. All qualified candidates are encouraged to apply; however, Canadian citizens, permanent residents and Indigenous Peoples in Canada will be given priority.

Ontario Tech University respects people's different needs and therefore will take all reasonable steps to ensure accommodation for applicants where appropriate. The University is also committed to ensuring that confidentiality is maintained throughout all aspects of the recruitment cycle.

Prior to May 1, 2022, the university required all students, faculty, staff and visitors (including contractors) to be fully vaccinated against Covid-19 as defined by our [mandatory vaccine directive](#). This directive was paused, effective May 1, 2022, but may be reinstated at any point in

the future depending on public health guidelines and the recommendations of experts. All employees of the university will be expected to comply with the requirements of this directive.

The university recognizes faculty and staff may require accommodations. We are committed to an accommodation process in which individualized needs (e.g. for medical and religious/creed grounds) are appropriately addressed under the Ontario Human Rights Code. A [COVID-19 Vaccination Accommodation Application Form](#) is available. If you require accommodation, please contact [Julie Day](#), Health and Disability Management Specialist. For more information about the university's policies for accommodating employees with disabilities please review the university's [Accessibility Policy](#)

The university acknowledges the lands and people of the Mississaugas of Scugog Island First Nation which is covered under the Williams Treaties. We are situated on the Traditional Territory of the Mississaugas, a branch of the greater Anishinaabeg Nation which includes Algonquin, Ojibway, Odawa and Pottawatomi.

Job Location: Oshawa, Ontario, Canada

Expected Start Date: 1/3/2023

Expected End Date: N/A

<https://ontariotechu.csod.com/ux/ats/careersite/4/home/requisition/292?c=ontariotechu>