



***Tenure-track positions (2), Computer Software and Computer Hardware, Department of Electrical and Computer Engineering***

The Faculty of Engineering at the University of Waterloo is consistently ranked #1 in Canada and in the top 50 engineering faculties in the world. It occupies a singular space in the world of technology and innovation because of its unique co-operative education programs, entrepreneurship ecosystems, and strong partnerships with industry.

The Department of Electrical and Computer Engineering in the Faculty of Engineering at the University of Waterloo invites applications for two tenure-track positions at the rank of Assistant Professor with an anticipated start date of May 1, 2022. We seek outstanding researchers working in the broad areas of Computer Engineering and Computer Science, including both software and hardware. For exceptional candidates, an appointment at the rank of Associate Professor or Professor will be considered.

Applicants must have a PhD in Computer Engineering, Computer Science, or a closely related discipline. Evidence of an actively developing research program is required. We encourage applications from candidates in the following areas:

- **Computer software.** All areas of computer software including but not limited to artificial intelligence, distributed systems, machine learning, and operating systems.
- **Computer hardware.** All areas of computer hardware including but not limited to accelerator design, computer architecture, embedded systems, reconfigurable computing, and security.

In addition to research, duties include teaching at the undergraduate and graduate levels, supervision of graduate students, and service. The successful candidate will be equally committed to ensuring excellence in undergraduate and graduate teaching as they are to research.

Based on qualifications and rank hired, annual salary will typically range from \$125,000 to \$175,000. For exceptionally qualified candidates, a higher annual salary will be considered. The successful candidate will be required to have an engineering license for practice in Canada or to apply for an engineering license or limited engineering license within five years.

Interested candidates should submit the following: a cover letter, current curriculum vitae, a research statement, a statement of teaching philosophy and goals, two to four selected publications, and the names of three references to <https://ecefes.uwaterloo.ca/OFAS/index.php>.

Applications will be considered upon receipt, with full consideration assured for those received by **December 1, 2021**.

The department currently has more than 95 faculty members and is one of the largest engineering departments in Canada. The undergraduate programs in Computer Engineering, Electrical Engineering, Software Engineering (offered jointly with the David R. Cheriton School of Computer Science), Mechatronics Engineering (offered jointly with the Departments of Mechanical and Mechatronics

Engineering and Systems Design Engineering), Nanotechnology Engineering (offered jointly with the Departments of Chemistry and Chemical Engineering), and Biomedical Engineering (offered jointly with several departments including Systems Design Engineering) attract outstanding students, both domestic and international. The department also administers a world-class graduate program, which drives cutting-edge research excelling in technological innovations and encompassing all major areas of electrical and computer engineering. Our research is led by faculty members who are internationally recognized for their expertise and holders of many prestigious awards (E. W. R. Steacie Memorial Fellowship, IEEE Fellowships, Royal Society of Canada Fellowships, etc.) and research chairs. Our graduates are highly sought out all around the world for their exceptional technical training and abilities. The university is committed to leadership in technology-enabled learning. It is a vibrant community built around teaching excellence and scholarship in teaching, with direct and active institutional support through its Centre for Teaching Excellence and resources deployed in the faculties and departments. There is a strategic commitment to research-enhanced, technology-enhanced, and entrepreneurship-enhanced learning. The University of Waterloo excels at experiential learning via the world's largest post-secondary co-operative education program. For the past two decades, the University of Waterloo has been recognized in a national reputation survey of universities as 'best overall', 'most innovative', and producing 'leaders of tomorrow'. A recent survey of business leaders ranked Waterloo Engineering as number one in Canada.

The University of Waterloo acknowledges that much of our work takes place on the traditional territory of the Neutral, Anishinaabeg and Haudenosaunee peoples. Our main campus is situated on the Haldimand Tract, the land granted to the Six Nations that includes six miles on each side of the Grand River. Our active work toward reconciliation takes place across our campuses through research, learning, teaching, and community building, and is centralized within our Indigenous Initiatives Office (<https://uwaterloo.ca/human-rights-equity-inclusion/indigenousinitiatives>).

The University values the diverse and intersectional identities of its students, faculty, and staff. The University regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. The University of Waterloo seeks applicants who embrace our values of equity, anti-racism and inclusion. As such, we encourage applications from candidates who have been historically disadvantaged and marginalized, including applicants who identify as Indigenous peoples (e.g., First Nations, Métis, Inuit/Inuk), Black, racialized, people with disabilities, women and/or 2SLGBTQ+.

The University of Waterloo is committed to accessibility for persons with disabilities. If you have any application, interview or workplace accommodation requests, or if you have any questions regarding the position, the application process, assessment process, or eligibility, please contact the recruitment committee via Brenda McQuarrie at [bmcquarr@uwaterloo.ca](mailto:bmcquarr@uwaterloo.ca).

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Three reasons to apply: <https://uwaterloo.ca/faculty-association/why-waterloo>.