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 in Systems and Control with an anticipated start date of September 1, 2021. In the case of an exceptional candidate, an appointment at the rank of Associate Professor or Full Professor will be considered.

The successful candidate must have a PhD in Electrical Engineering, Computer Engineering or a closely related discipline. Evidence of an actively developing research program with emphasis on the following is required:

- **Robotics and autonomy.** We encourage applications from candidates in all core areas of robotics and autonomy including control, planning, perception, learning, social robotics, cognitive robotics, human-robot interaction, and mechatronics.

- **Systems control.** We encourage applications from candidates working in the broad area of systems control, ideally on a topic with significant engineering applications. Application areas of interest include but are not limited to biological systems, cyber-physical systems, digital health, the internet of things, robotics and autonomy, and transportation.

All successful applicants are expected to actively engage in teaching at the undergraduate and graduate level, supervise graduate students and to contribute to the overall development of the Department. The ability to develop and teach an array of traditional and on-line courses is required. Applicants who are, or who have demonstrated the potential to be leaders in their research field would be especially appealing.

The salary range for this position at the Assistant Professor level is **$120,000.00 to $160,000.00**. Negotiations beyond this salary range will be considered for exceptionally qualified candidates. The successful candidate will be expected 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 a cover letter, a current curriculum vitae, a research statement, a statement of teaching philosophy and goals, selected publications (maximum four), and the names of at least three references to [https://ecefas.uwaterloo.ca/OFAS/index.php](https://ecefas.uwaterloo.ca/OFAS/index.php). Applications will be considered upon receipt, with full consideration assured for those received by March 15, 2021.

If you have any questions regarding the position, the application process, assessment process, eligibility, or a request for accommodation during the hiring process, please contact Brenda McQuarrie, Assistant to the Department Chair: bmcquarr@uwaterloo.ca.

The Department currently has more than 91 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 of Waterloo regards equity and diversity as an integral part of academic excellence and is committed to accessibility for all employees. As such, we encourage applications from women, persons with disabilities, Indigenous peoples, members of visible minorities, and others who may contribute to the further diversification of ideas. At Waterloo, you will have the opportunity to work across disciplines and collaborate with an international community of scholars and a diverse student body, situated in a rapidly growing community that has been termed a “hub of innovation.”

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.