

## **Assistant or Associate Professor in Artificial Intelligence, University of Guelph, Canada.**

Position: Assistant or Associate Professor in Artificial Intelligence

College of Engineering and Physical Sciences

School of Computer Science

### **Position Description:**

The School of Computer Science at the University of Guelph invites applications for a tenured or tenure-track faculty position in Artificial Intelligence at the Assistant or Associate Professor level. The earliest possible start date is July 1, 2019.

### **University of Guelph**

The University of Guelph is the second largest employer in Guelph, a city of approximately 130,000 people, located about an hour drive west of Toronto, Ontario. University of Guelph is a top-ranked comprehensive university in Canada with an enrolment of about 30,000 undergraduate and graduate students across over 40 academic units.

The University is known for its commitment to student learning, innovative research, and collaboration with world-class partners. It is a unique place, with transformative research and teaching and a distinctive campus culture. People who learn and work here are shaped and inspired by a shared purpose: To Improve Life. Reflecting that shared purpose in every experience connected to our university positions us to create positive change, here and around the world. Our University community shares a profound sense of social responsibility, a drive for international development, and an obligation to address global issues.

### **School of Computer Science**

The School of Computer Science is currently comprised of 27 faculty, 9 staff, about 880 undergraduate and 50 MSc and PhD students. In September 2018, the School moved into the newly renovated Reynolds Building.

The School offers two majors, Computer Science and Software Engineering, as well as a three-year General Program. The honours majors are available with a Co-operative Education option.

The MSc in Computer Science emphasizes both academic and applied research, and the PhD in Computational Sciences produces interdisciplinary scholars who are capable of tackling emerging problems in the sciences, social sciences, humanities, etc.

In December 2018, the University of Guelph launched the Centre for Advancing Responsible and Ethical Artificial Intelligence (CARE-AI), with active participation of the faculty from the School of Computer Science. As one of ten AI Master's Programs recognized by the Vector Institute for Artificial Intelligence, in February 2019, the Collaborative Specialization in Artificial Intelligence (CSAI) was opened to Master's students in Computer Science. A new Master of Cybersecurity and Threat Intelligence (MCTI) program at the School of Computer Science will admit the first cohort in September 2019.

## **Qualifications**

### **Education and Background**

Candidates must hold a PhD in Computer Science or related field at the time of appointment. Prior academic experience is an asset, such as post-doc, previous academic appointment, research technician, etc. Relevant industrial experience will be considered.

### **Scholarship**

Candidates should have an outstanding research and publication record in the area of artificial intelligence, with a strong preference for those working in the area of applied AI. All fields of AI will be considered. The successful candidate has proposed an independent and fundable research program in the Research Statement that is interdisciplinary in nature to participate in the School's Computational Sciences PhD Program, and has demonstrated a capacity to conduct novel research that will expand and complement our current research strengths. Candidate research programs that foster economic growth and improve the lives of Canadians will be favourably considered.

### **Teaching**

Candidates should have strong undergraduate teaching interest and have demonstrated ability to teach at the university level commensurate with candidate background. They should have the ability to teach core computer science undergraduate courses and graduate courses related to the research area. They must demonstrate supervision experience (students, staff) on research-oriented projects.

### **Service**

Candidates should provide evidence of community engagement, within academic and/or other communities, such as conference organization, student club or student council, participation in outreach, volunteering, etc., that is indicative of being able to provide service to the School, University, and research community.

The successful candidate is expected to develop an internationally recognized research program, and to secure external funding from tri-council agencies or equally prestigious funding agencies. They are expected to support the current MSc and PhD programs with graduate student supervision, and to be actively involved with CARE-AI and CSAI initiatives. They will normally teach 3 courses per year, at the undergraduate and graduate levels. The successful candidate is expected to devote approximately equal time to research and to teaching, as well as some time to provide service to the School, College, University, and research community at large. The successful candidate will be encouraged to apply for Vector Institute Faculty Affiliation.

## **Application Process**

Assessment of applications will begin in late May 2019 and will continue until the position is filled. Interested applicants should submit the following as a single PDF file: (1) a Cover Letter; (2) a Curriculum Vitae; (3) a Teaching Statement (including teaching philosophy, interests, experiences, and course evaluations if available); (4) a Research Statement (including a summary of research achievements and a proposal for future research and funding plan); and (5) names and complete contact information for three references. Applications should be sent to the attention of:

The Director

School of Computer Science

University of Guelph

Guelph, Ontario, N1G 2W1

Email: [facultyjobs@socs.uoguelph.ca](mailto:facultyjobs@socs.uoguelph.ca)

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

The University recognizes that applicants may have had obligations outside of work that have negatively impacted their record of achievements (e.g., parental, elder care, and/or medical). You are not required to disclose these obligations in the hiring process. If you choose to do so, the University will ensure that these obligations do not negatively impact the assessment of your qualifications for the position.

The University of Guelph acknowledges the Attawandaron people on whose traditional territory the University of Guelph resides and offer our respect to our Anishinaabe, Haudenosaunee and Métis neighbours as we strive to strengthen our relationships with them.

At the University of Guelph, fostering a culture of inclusion ([uoguelph.ca/ox2p9](http://uoguelph.ca/ox2p9)) is an institutional imperative. The University invites and encourages applications from all qualified individuals, including from groups that are traditionally underrepresented in employment, who may contribute to further diversification of our Institution.

If you require a medical accommodation during the recruitment or selection process, please contact Occupational Health and Wellness at 519-824-4120 x52674.