Probationary (Tenure-Track) Faculty Position in Computer Science

The Department of Computer Science in the Faculty of Science at the University of Western Ontario is pleased to announce a search for a probationary (tenure-track) position in Machine Learning at the rank of Assistant or Associate Professor. The rank and salary will be commensurate with the successful applicant’s qualifications and experience. The anticipated start date will be 01 July 2019.

Applicants must possess a PhD in Computer Science or a closely related area. The successful candidate will have made fundamental advances in machine learning and contributions to the application of machine learning methods in other disciplines. The successful candidate must demonstrate an outstanding record of research productivity in the form of publications in high-impact peer reviewed journals and conferences, awards, invited talks and other scholarly achievements as appropriate for their career path and stage. Applicants must demonstrate that they are well-positioned to apply successfully for external funding in both the public and private sectors as evidenced by their current success at funding and/or their potential for future partnerships detailed in their research plan. The successful candidate will be expected to teach undergraduate and graduate courses in Computer Science and to develop new courses in their area at the undergraduate and graduate levels in core computing disciplines and interdisciplinary programs. The successful candidate also must demonstrate their ability to attract and train graduate and undergraduate research students.

The Department of Computer Science is a research-intensive department in Western’s Faculty of Science, with both undergraduate and graduate programs. Established research areas within the Department include algorithms, artificial intelligence and machine learning, bioinformatics, computational neuroscience, distributed systems & networks, software engineering and theoretical computer science. The Department has strong ties to industry and strongly encourages and supports participation in interdisciplinary research. The Department jointly offers an undergraduate data science program and a professional Masters program in data analytics with the Department of Statistical and Actuarial Science and is in the processing of establishing a collaborative Masters program in Artificial Intelligence. Research is supported by the high performance computing facilities of SHARCNET and the Southern Ontario Smart Computing Innovation Platform (SOSCIP).

This position is one of the significant investments Western Science is making in large-scale data analytics. As part of this investment Western Computer Science has recently hired a Western Research Chair in Cyber-Physical System and a Western Research Chair in Computational Neuroscience while the Department of Statistical and Actuarial Science has hired a Tier 2 CRC Chair in Banking Analytics. There are many opportunities to participate in collaboration with researchers in different applications domains including (but not limited to) advanced manufacturing, astrophysics, autonomous systems, bioinformatics, cyber-physical systems, finance, Internet of Things (IoT), imaging, health and medical sciences, neuroscience, and sustainability. Applicants with strong interest in collaborating with researchers in other disciplines will find that Western provides a welcoming environment for interdisciplinary research.

With a full-time enrolment of about 35,000 students, Western University is a large, research-intensive university with a full range of academic and professional programs. With parks, river valleys, tree-lined streets, and bicycle paths, London is known as the “Forest City”. London boasts an international airport, galleries, theatre, music and sporting events (see http://www.goodmovelondon.com/).

Applicants are asked to complete the form available at http://uwo.ca/facultyrelations/pdf/careers/Faculty/Application-FullTime-Faculty-Position-Form.pdf and submit it along with: i) a cover letter, ii) a detailed curriculum vitae, iii) a brief description of the candidate’s

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current research program, past accomplishments and future plans, iv) links to representative publications, v) Teaching statement, and vi) the names and contact information of three references to:

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Consideration of applications will begin on Dec 1, 2018 and will continue until the position is filled.

*Positions are subject to budget approval. Applicants should have fluent written and oral communication skills in English. The University invites applications from all qualified individuals. Western is committed to employment equity and diversity in the workplace and welcomes applications from women, members of racialized groups/visible minorities, Aboriginal persons, persons with disabilities, persons of any sexual orientation, and persons of any gender identity or gender expression.*

*In accordance with Canadian immigration requirements, priority will be given to Canadian citizens and permanent residents.*

*Accommodations are available for applicants with disabilities throughout the recruitment process. If you require accommodations for interviews or other meetings, please contact*

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