Probationary (Tenure-Track) Faculty Position in Computer Science

The Department of Computer Science in the Faculty of Science at Western University is pleased to announce a search for a probationary (tenure-track) position in networking at the rank of Assistant Professor. The rank and salary will be commensurate with the successful applicant’s qualifications and experience. The anticipated start date will be July 1, 2020.

Applicants must possess a PhD in Computer Science or a closely related area.

The successful candidate will have made fundamental advances in smart services with demonstrated ability to apply the work to autonomous/self-driving networks. Candidate’s expertise and experience in network resource/performance management (such as quality of service (QoS) / quality of experience (QoE)), networks reliability, network security, software-centric networks, and network economics are highly desirable. Candidate’s experience in industry collaborative projects in the following application areas will be an asset: smart networks, smart home and cities, intelligent transportation systems such as connected vehicles and autonomous drones, and smart grids.

Applicants must demonstrate a successful record of research and collaboration which has been reflected through an excellent track record in grant acquisition, publication in high quality peer-reviewed venues, and outstanding industry-academia collaboration. Industry experiences in a relevant area will be considered as an asset. Evidence of leadership skills, excellence in service and a demonstrated ability to work effectively with individuals from diverse communities and cultures is also required.

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. 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 and 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 Master’s program in data analytics with the Department of Statistical and Actuarial Science and is in the processing of establishing a collaborative Master’s program in Artificial Intelligence. Research is supported by high performance computing facilities of the Shared Hierarchical Academic Research Computing Network (SHARCNET) and the Southern Ontario Smart Computing Innovation Platform (SOSCIIP).

This position is one of the significant investments Western Science is making in large-scale data analytics and management. As part of this investment Western Computer Science has recently hired a Western Research Chair in Cyber-Physical Systems and a Western Research Chair in Computational Neuroscience. The Department of Computer Science and the Department of Electrical and Computer Engineering are looking to build upon their current strengths to become a center of internet of things (IoT), networking and digital services. There are many opportunities to participate in collaboration with researchers in different application domains including advanced manufacturing, autonomous systems, and cyber-physical systems.

With annual research funding exceeding $220 million, and an international reputation for success, Western ranks as one of Canada’s top research-intensive universities. Our research excellence expands knowledge and drives discovery with real-world application. Western also provides an exceptional employment experience, offering competitive salaries, a wide range of employment opportunities and one of Canada’s most beautiful campuses.

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
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 February 28, 2020 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 Lindsay Bos at lbos2@uwo.ca or 519-661-3992.

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