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 databases 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 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 data centric systems, such as database or data management, graph databases, managing streaming data, data management platforms in support of artificial intelligence or machine learning applications. The successful candidate must have 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 (https://www.csd.uwo.ca/) 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, 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 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 and management. 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. The Departments of Computer Science and Electrical and Computer Engineering are looking to build upon their current strengths to become a center of IoT, networking and digital services. There are many opportunities to participate in collaboration with researchers in different application domains including advanced manufacturing, autonomous systems, cyberphysical systems, and internet of things (IoT).

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.
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/).

The anticipated start date of the appointment is July 1, 2020. Applicants are asked to complete the form available at https://www.uwo.ca/facultyrelations/pdf/full-time-application-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:

Lindsay Bos  
Department of Computer Science,  
Western University,  
London, Ontario N6A 5B7  
lbos2@uwo.ca

Consideration of applications will begin on January 15, 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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