



## Department of Computer Science

The Department of Computer Science in the Faculty of Science at Western University, one of Canada's leading research-intensive universities, is seeking applicants for a faculty position in Computer Science in the areas of Computer Gaming and Graphics, as part of three new faculty positions in the Department. Successful applicants will be appointed at the rank of Assistant Professor (Probationary Tenure-track), Associate Professor (Probationary Tenure-track or Tenured), or Full Professor with Tenure depending on qualifications and experience.

Consideration of applications will begin December 11, 2022, with the intent that the successful candidate will join Western's faculty effective July 1, 2023. Western recognizes that our commitment to equity, diversity and inclusion is central to the University's mandate as a research-intensive institution of higher learning. As a community leader we understand that our commitment to equity, diversity, inclusion, and decolonization are mutually supporting and contribute to our pursuit of research excellence. The University seeks qualified candidates who share our commitment to equity and inclusion, who will contribute to the diversification of ideas and perspectives; applications from First Nations, Métis and Inuit peoples, members of racialized communities, persons with disabilities, women, persons of any sexual orientation, and persons of any gender identity or gender expression are encouraged to apply.

The Department is seeking applicants with a research program in Computer Gaming, Graphics and related research areas. Applicants must possess a Ph.D. in Computer Science or a related field. The successful candidate will demonstrate evidence of a strong research record, with a preference for research that complements the strengths of the Department. 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 must also demonstrate evidence of strength in teaching. Tenure and appointment at a higher rank will be commensurate with evidence of excellence in research and impact through publications in the highest quality journals, and an established internationally-recognized, externally-funded research program. Salary will be commensurate with the successful applicant's qualifications and experience.

Western University delivers an academic experience second to none. Western challenges the best and brightest faculty, staff and students to commit to the highest global standards. Our research excellence expands knowledge and drives discovery with real-world application. Western attracts individuals with a broad worldview, seeking to study, influence and lead in the international community. Since 1878, The Western Experience has combined academic excellence with life-long opportunities for intellectual, social and cultural growth in order to better serve our communities.

The Department of Computer Science has research strengths in algorithms, artificial intelligence and machine learning, bioinformatics, computational neuroscience, distributed systems, networking, software engineering and theoretical computer science. The Department has strong ties to industry and strongly encourages and supports participation in interdisciplinary research. Recent investment through a partnership between Bell Canada and Western will see the creation of an advanced 5G research centre that will enable Western to become a "living lab" for shaping smart cities and communication systems. The Department is a contributor to a collaborative Master's program in Artificial Intelligence (with Electrical and Computer Engineering), an undergraduate data science program and a professional Master's program in data analytics (with Statistical and Actuarial Sciences). Research is supported by the SHARCNET high performance computing facilities and the Southern Ontario Smart Computing Innovation Platform (SOSCIP).

Western University is a prominent academic institution routinely ranked as a top research-intensive university in Canada and is committed to excel as a leading research institution internationally. Western University has a full-time enrollment of about 34,000 students in a range of academic and professional programs. Further information about Western can be found at <http://www.uwo.ca/>, The Faculty of Science at <https://www.uwo.ca/sci/> and the Department of Computer Science at <https://www.csd.uwo.ca>. The university campus is in London Ontario, a thriving city of 422,000, located midway between Toronto and Detroit. With parks, river valleys, tree-lined streets, and bicycle paths, London is known as the “Forest City”. London has a reasonable cost-of-living, and boasts an international airport, galleries, theatre, music and sporting events (see <https://www.ledc.com/why-london>).

If you share our commitment to excellence in teaching and research, and are eager to pursue a rewarding academic career, please send (i) a detailed curriculum vitae, (ii) a description of teaching experience, teaching philosophy and graduate student training philosophy (iii) a brief description of your current research program, accomplishments, and future plans, (iv) copies of representative publications, and (v) the names of three referees. Please ensure that the form available at <http://www.uwo.ca/facultyrelations/faculty/Application-FullTime-Faculty-Position-Form.pdf> is completed and included in your application submission. Western recognizes the potential impact that career interruptions can have on a candidate’s record of research achievement and candidates are encouraged to explain within their application the impact that career interruptions have had and to submit a full career or extended CV.

Applications should be sent via email to the attention of:

Dr. Michael Domaratzki  
Chair, Department of Computer Science  
Western University  
1151 Richmond St  
London, ON, N6A 5B7  
Email: [csfacp1@uwo.ca](mailto:csfacp1@uwo.ca)

Consideration of applications will commence on December 11, 2022 and will continue until the position is filled. We thank all applicants for their interest, but only those selected for an interview will be contacted.

Effective September 7, 2021, all employees and visitors to campus are required to comply with Western’s [COVID-19 Vaccination Policy](#).

*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, Indigenous 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 Sara Willemse at [ssstraat@uwo.ca](mailto:ssstraat@uwo.ca).*

*Posted on Faculty Relations website November 10, 2022*

*Posting number: 2022-096*