

Department of Computer Science, Faculty of Engineering and Computer Science, University of Victoria

Faculty Positions (Research) in Computer Science

The University of Victoria is consistently ranked in the top tier of Canada's research-intensive universities. Vital impact drives the UVic sense of purpose. As an internationally renowned teaching and research hub, we tackle essential issues that matter to people, places and the planet. Situated in the Pacific Rim, our location breeds a profound passion for exploration. Defined by its edges, this extraordinary environment inspires us to defy boundaries, discover, and innovate in exciting ways. It's different here, naturally and by design. We live, learn, work and explore on the edge of what's next—for our planet and its peoples. Our commitment to research-inspired dynamic learning and vital impact make this Canada's most extraordinary environment for discovery and innovation. Experience the edge of possibilities for yourself.

The Department of Computer Science at the University of Victoria, Canada is seeking applicants for two positions at the rank of Assistant Professor with eligibility for tenure and with an anticipated start date of July 1, 2021. We are seeking candidates in the areas of:

- A. Equity, fairness, accountability, transparency, explainability, privacy or other social aspects of decision making and support as they relate to the study and design of machine learning, artificial intelligence, algorithms and systems.
- B. Theory of Computer Science including algorithmic game theory; logic and complexity (including formal methods); theory of security and cryptography; and parallel, distributed, and streaming algorithms.
- C. Machine learning and applications, such as natural language processing and computational linguistics, computer vision, deep learning, reinforcement learning, and probabilistic graphical models.
- D. Software development with an emphasis on one or more of the following: software testing, software experimentation, DevOps and AIOps, formal methods, programming languages, accessibility, security, ethics, diversity and/or inclusion.

Our department is undergoing significant expansion, and has a strong record of excellence in research and teaching at the undergraduate, masters and PhD level.

Located on Vancouver Island in British Columbia, Canada, the City of Victoria is a wonderful place to live. It has a vibrant tech sector, an international airport with direct connections to Seattle and major Canadian cities, as well as direct seaplane access between downtown Victoria and the downtowns of Vancouver and Seattle.

A Ph.D. in Computer Science or related field is required. Successful candidates must demonstrate a strong record of excellence in research and the potential to develop and maintain an

internationally recognized research program. They are expected to effectively supervise graduate students, teach computer science courses, obtain external funding, and actively participate in departmental activities.

Applicants should submit a cover letter, a CV, a research statement, a teaching statement, an Equity, Diversity and Inclusion (EDI) statement, up to three selected relevant publications, and contact information for three referees. The cover letter should clearly identify one or more of the research areas listed above (A to D) that have the best fit with the applicant's program of research.

The research statement should summarize research achievements and propose future research. The EDI statement should briefly describe their experience with addressing EDI and/or how the candidate plans to contribute to the EDI goals of the Department (see <https://www.uvic.ca/engineering/about/equity/index.php>)

Applications should be submitted at: <https://academicjobsonline.org/ajo/jobs/17977>

Please note that you are asked to upload personal information to this service, which is provided as a convenience for you and your referees. The service stores its data on servers located outside of Canada; the data is therefore not in the custody or under the control of the University of Victoria. You may wish to review the privacy statement on academicjobsonline.org. If you do not wish to use this service, please email search@csc.uvic.ca to request application submission instructions. All qualified candidates are encouraged to apply. In accordance with Canadian Immigration requirements, Canadians and permanent residents will be given priority.

The provisions of the Collective Agreement (www.uvic.ca/vpacademic/) govern the Faculty and Librarians at the University of Victoria. Members are represented by the University of Victoria Faculty Association (www.uvicfa.ca/).

UVic is committed to upholding the values of equity, diversity, and inclusion in our living, learning and work environments. In pursuit of our values, we seek members who will work respectfully and constructively with differences and across levels of power. We actively encourage applications from members of groups experiencing barriers to equity. Read our full equity statement here: www.uvic.ca/equitystatement .

Persons with disabilities who anticipate needing accommodations for any part of the application and hiring process may contact the Faculty Relations and Academic Administration at frrecruit@uvic.ca. Any personal information provided will be maintained in confidence.

The University of Victoria acknowledges the potential impact that career interruptions can have on a candidate's record of research achievement and encourages applicants to explain in their application the impact that these may have had on their record of research achievement.

Please note that reference and background checks, including credential and degree verification, may be undertaken as part of this recruitment process.

The University of Victoria campus is located on the traditional territories of the Coast Salish Peoples and we are privileged to do our work in a way that is inspired by their history, customs and culture. Our connections to Indigenous communities – as well as global communities – are important to us.

The closing date for applications is **March 1, 2021.**

If you have any questions, please do not hesitate to contact the Recruiting Committee Chair.

Recruiting Committee Chair
Department of Computer Science
University of Victoria
PO Box 1700, STN CSC
Victoria, BC V8W 2Y2 Canada

Email: search@csc.uvic.ca
Web: www.csc.uvic.ca
Telephone: +1-250-472-5704