

Assistant Professor position in Machine Learning  
Fundamentals  
University of Calgary

Direct Link: <https://www.AcademicKeys.com/r?job=208465>

Downloaded On: Dec. 9, 2023 5:16pm

Posted Apr. 4, 2023, set to expire Jan. 15, 2024

<b>Job Title</b>	Assistant Professor position in Machine Learning Fundamentals
<b>Department</b>	Electrical and Software Engineering
<b>Institution</b>	University of Calgary Calgary, Alberta
<b>Date Posted</b>	Apr. 4, 2023
<b>Application Deadline</b>	May 4, 2023
<b>Position Start Date</b>	Sep. 1, 2023
<b>Job Categories</b>	Assistant Professor
<b>Academic Field(s)</b>	Computer Engineering
<b>Job Website</b>	<a href="https://careers.ucalgary.ca/jobs/12423773-assistant-professor-department-of-electrical-and-software-engineering-schulich-school-of-engineering">https://careers.ucalgary.ca/jobs/12423773-assistant-professor-department-of-electrical-and-software-engineering-schulich-school-of-engineering</a>
<b>Apply Online Here</b>	<a href="https://careers.ucalgary.ca/jobs/12423773-assistant-professor-department-of-electrical-and-software-engineering-schulich-school-of-engineering">https://careers.ucalgary.ca/jobs/12423773-assistant-professor-department-of-electrical-and-software-engineering-schulich-school-of-engineering</a>
<b>Apply By Email</b>	
<b>Job Description</b>	

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The **Department of Electrical and Software Engineering** within the **Schulich School of Engineering** at the University of Calgary is pleased to invite applications for a tenure-track **Assistant Professor** position in **Machine Learning Fundamentals** with an anticipated start date of September 1, 2023. Candidates with an earned doctoral degree in Software Engineering, Computer Science or a closely related discipline and demonstrated excellence in research and teaching are invited to apply.

Within the broad area of machine learning fundamentals, we expect the applicant to have a research track record in at least one of the following desired topics:

- Novel AI/Machine Learning/Deep Learning techniques and algorithms
- Natural Language Processing
- Reinforcement Learning
- Learning Representations for Time Series Data
- Graph Neural Networks
- Generative Models
- Bayesian Machine Learning
- Causal Inference

### Position Requirements

The successful candidate will demonstrate:

- A record of high-quality research and publications
- The potential to establish an externally funded research program, and to achieve international recognition within five years
- The alignment between their research interests and the research priorities of the Schulich School of Engineering and the University of Calgary
- The ability to attract and develop excellent trainees, students, and future researchers
- Ability to teach a range of undergraduate and graduate courses related to the topics in the position description above
- Excellent written and oral communication skills
- A commitment to Equity, Diversity, and Inclusion in Engineering

Candidates should be eligible for registration as a Professional Engineer with the Association of Professional Engineers and Geoscientists of Alberta (APEGA).

Experience working in industry or on industrial projects is considered an asset.

### How to Apply

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Interested candidates are encouraged to submit an application online via the 'Apply Now' link on the UCalgary Careers page: <https://careers.ucalgary.ca/jobs/12423773-assistant-professor-department-of-electrical-and-software-engineering-schulich-school-of-engineering>

**Please be aware that the application process allows for only four attachments.** Your four application attachments should be organized to contain the following (it is suggested that you merge these documents into a single pdf):

- Cover letter and curriculum vitae, including the name and contact information of three referees
- Statement of research interests, accomplishments and vision (maximum 2 pages)
- Statement of teaching philosophy (maximum 2 pages)
- Statement on Equity, Diversity and Inclusion (maximum 2 pages)

Questions may be addressed to:

Dr Andy Knight

Head, Department of Electrical and Software Engineering

[andy.knight@ucalgary.ca](mailto:andy.knight@ucalgary.ca)

Applications are accepted until **May 4, 2023**

The University of Calgary has launched an institution-wide [Indigenous Strategy](#) in line with the foundational goals of [Eyes High](#), committing to creating a rich, vibrant, and culturally competent campus that welcomes and supports Indigenous Peoples, encourages Indigenous community partnerships, is inclusive of Indigenous perspectives in all that we do.

*As an equitable and inclusive employer, the University of Calgary recognizes that a diverse staff/faculty benefits and enriches the work, learning and research experiences of the entire campus and greater community. We are committed to removing barriers that have been historically encountered by some people in our society. We strive to recruit individuals who will further enhance our diversity and will support their academic and professional success while they are here. In particular, we encourage members of the designated groups (women, Indigenous peoples, persons with disabilities, members of visible/racialized minorities, and diverse sexual orientation and gender identities) to apply. To ensure a fair and equitable assessment, we offer accommodation at any stage during the recruitment process to applicants with disabilities. Questions regarding [diversity] EDI at UCalgary can be sent to the [Office of Equity, Diversity and Inclusion](#) ([equity@ucalgary.ca](mailto:equity@ucalgary.ca)) and requests for accommodations can be sent to Human Resources ([hrhire@ucalgary.ca](mailto:hrhire@ucalgary.ca)).*

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*All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority. In this connection, at the time of your application, please answer the following question: Are you a Canadian citizen or a permanent resident of Canada? (Yes/No)*

### **Additional Information**

To learn more about academic opportunities at the University of Calgary and all we have to offer, view our [Academic Careers website](#). For more information visit [Careers in the Schulich School of Engineering](#).

The University strongly recommends all faculty and staff are fully vaccinated against COVID-19.

### **About the University of Calgary**

The University of Calgary is Canada's leading next-generation university – a living, growing and youthful institution that embraces change and opportunity with a can-do attitude. Located in the nation's most enterprising city, the university is making tremendous progress on its Eyes High journey to be recognized as one of Canada's top five research universities, grounded in innovative learning and teaching and fully integrated with the community it both serves and leads. The University of Calgary inspires and supports discovery, creativity and innovation across all disciplines. For more information, visit [ucalgary.ca](http://ucalgary.ca).

### **About Calgary, Alberta**

Calgary is one of the world's cleanest cities and has been named one of the world's most livable cities for years. Calgary is a city of leaders - in business, community, philanthropy and volunteerism. Calgarians benefit from a growing number of world-class dining and cultural events and enjoy more days of sunshine per year than any other major Canadian city. Calgary is less than an hour's drive from the majestic Rocky Mountains and boasts the most extensive urban pathway and bikeway network in North America.

### **Contact Information**

Please reference Academickeys in your cover letter when

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applying for or inquiring about this job announcement.

**Contact**     Andy Knight  
Electrical and Software Engineering  
University of Calgary  
2500 University Drive NW  
Calgary, AB T2N 1N4  
Canada

**Phone Number**     4032205806

**Contact E-mail**     [ese@ucalgary.ca](mailto:ese@ucalgary.ca)