

# Tenure-track Assistant Professor in Computer Science and Education

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## Position Details

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### Position Information

<b>Position Title</b>	Tenure-track Assistant Professor in Computer Science and Education
<b>Posting Number</b>	F147P
<b>Type of position</b>	Tenure Stream
<b>Department/Unit</b>	Computer Science
<b>Location</b>	Halifax

### About the opportunity

Dalhousie University is recognized internationally for our world-class academic programs and as one of Canada's leading research institutions. Dalhousie welcomes talented scholars to our home by the ocean and to join our mission to make a lasting impact through the discovery, advancement and sharing of knowledge.

The Faculty of Computer Science at Dalhousie University (<https://www.dal.ca/faculty/computerscience.html>) invites applications for a Tenure-Stream Assistant Professor Position in Computer Science and Education. Qualified applicants will

- hold a PhD degree by the time that the appointment would begin;
- have a track-record of peer-reviewed publications in CS education-focused conferences and journals;
- evidence of research potential sufficient for obtaining a competitive research grant in either Computer Science Education or Education with contributions to the field of Computer Science; and
- be able to teach within the Computer Science undergraduate core of courses.

The following are optional assets to an outstanding application (relative to the stage of the applicant's career in this area). Consider highlighting these items in your application package, if relevant: (1) Evidence of impact on learning and teaching practice, collaborations with teachers or researchers; (2) A research program with a lens on equity, diversity, and inclusion (EDI) in educational research and practice; (3) A research program on active learning, adapting to large classrooms, or teaching skills development; (4) A research program with a perspective on globalization (ICT4D) or internationalization; (5) A research program with focus on post-secondary computing education, or in computational thinking inside and outside of the K-12 school setting; (6) Application of data mining and learning analytics to instruction in computing disciplines; (7) History of relevant competitive funding in the last 5 years; and/or (8) Evidence of outstanding research impact or potential beyond baseline fundability.

Environment: The Faculty of Computer Science is a rapidly growing unit that includes 15 teaching-focused faculty striving for evidence-based, innovative design and delivery of Computer Science education. In addition to faculty, our team includes a full-time educational developer, full time staff support for interfacing with classroom frameworks, as well a manager for teaching assistants and markers. Our new and innovative curricula, coupled with more than 1800 students across our programs, offers the ideal environment for CS Education research to both enhance our academic excellence, and to establish leadership in CS Education.

Expectations: The applicant will be expected to establish an independent and externally funded research program, supervise graduate student research, and foster existing and new collaborations with government, industry, and with other members of Dalhousie's research community. The successful applicant will build a research group with focus on CS pedagogy and to support the group's research through both basic and applied research funding. Additionally, the successful applicants will contribute to the delivery of undergraduate courses within the curricula of the Bachelor of Computer Science or Applied Computer Science.

Dalhousie University is located in Halifax, Nova Scotia (<http://www.discoverhalifaxns.com>), which is the largest city in Atlantic Canada and affords its residents a high quality of life. Dalhousie University is a member of the U15 research-intensive universities in Canada. The Faculty of Computer Science is a research-intensive faculty within Dalhousie, with 48 faculty members, including Tier I and Tier II CRCs.

Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from Indigenous persons, persons with a disability, racially visible persons, women, persons of a minority sexual orientation and/or gender identity, and all candidates who would contribute to the diversity of our community. For more information, please visit <https://www.dal.ca/hiringfordiversity>. All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.

Applications must include an application letter, curriculum vitae, a statement of research and teaching interests, a research statement and teaching statement (teaching philosophy and teaching interests), sample publications, and the full address and emails of three referees. Review of applications will commence January 15th.

## Posting Detail Information

Open Date	12/11/2020
Close Date	01/15/2021
Open Until Filled	Yes
Quick Link for Direct Access to Posting	<a href="http://dal.peopleadmin.ca/postings/4900">http://dal.peopleadmin.ca/postings/4900</a>

## Documents Needed to Apply

### Required Documents

1. Cover Letter
2. Résumé / Curriculum Vitae (CV)
3. Teaching Statement
4. Research Statement
5. Sample Publication(s)
6. List of referees

#### Optional Documents

1. Teaching Dossier