

# Assistant Professor in Computer Science and Education

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## Position Details

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### Position Information

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

### About the opportunity

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 and have a track-record of peer-reviewed publications and 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. Qualified applicants must also be able to teach within the Computer Science undergraduate core of courses.

The following are additional assets to an outstanding application (relative to the stage of the applicant's career in this area):

- History of relevant competitive funding in the last 5 years.
- Outstanding research impact beyond baseline fundability.
- Evidence of impact on learning and teaching practice, collaborations with teachers or researchers.
- A research program with a lense on Equity, Diversity and Inclusion.
- A research program on active learning, adapting to large classrooms, or teaching skills development.
- A research program with a perspective on globalization (ICT4D) or internationalization.
- A research program with focus on post-secondary education, or in K-12 Computer Science/Technology education.

Environment: Faculty of Computer Science is a rapidly growing unit with a body of 15 teaching-focussed 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, and soon a manager for teaching assistants and markers. This, new and innovative curricula, in addition with more than 1800 students, offers the ideal environment for CS Education research to both enhance our academic excellence, and 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.halifaxinfo.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 43 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.

## Posting Detail Information

<b>Posting Number</b>	F105P
<b>Open Date</b>	03/12/2020
<b>Close Date</b>	
<b>Open Until Filled</b>	Yes
<b>Quick Link for Direct Access to Posting</b>	<a href="http://dal.peopleadmin.ca/postings/3252">http://dal.peopleadmin.ca/postings/3252</a>

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## Documents Needed to Apply

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### Required Documents

1. Résumé / Curriculum Vitae (CV)
2. Cover Letter
3. Teaching Statement
4. Teaching Dossier
5. Research Statement

### Optional Documents

None