

Faculty Opening - Assistant Professor

The Department of Electrical and Computer Engineering at Dalhousie University invites applications for a four-year limited term appointment as Assistant Professor in embedded system security for the Internet of Things (IoT). Applicants must have a Ph.D. in electrical engineering and be registered professional engineers or EIT in Canada and committed to registration in Nova Scotia.

The appointee will be expected to establish an independent, externally-funded research program, teach undergraduate courses in electrical engineering, and mentor undergraduate and graduate students associated with Dalhousie's new business incubator, the Emera Innovation Hub.

The successful candidate should be an outstanding emerging scholar who has demonstrated strong research productivity in "side channel analysis" or a related area with the potential to achieve international recognition in security implementation for IoT devices. The selected applicant will be a versatile teacher able to deliver a wide range of courses in electrical engineering. Due to the unique nature of the link of this position to the Emera Innovation Hub, applicants should also have experience with entrepreneurship and start-up companies.

Applications should include:

- (i) a cover letter outlining qualifications for the position;
- (ii) a curriculum vitae;
- (iii) a proposed research program including potential for industrial interactions (maximum 2 pages);
- (iv) a one-page statement describing teaching philosophy and interests;
- (v) names and contact information for at least three referees; and
- (vi) a completed Self Identification Questionnaire, available at www.dal.ca/becounted/selfid

Applications should be submitted by October 1, 2017 to:

Chair of the Search Committee
c/o Jascinth Butterfield
Department of Electrical and Computer Engineering
Rm. C367, Sexton Campus
Dalhousie University
1360 Barrington Street
Halifax, NS Canada B3H 4R2
Email: jbutterf@dal.ca

Electronic submissions **MUST** be in the form of a single attached file in PDF format

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. Dalhousie University is committed to fostering a collegial culture grounded in diversity and inclusiveness. The university encourages applications from Aboriginal people, persons with a disability, racially visible persons, women, persons of minority sexual orientations and gender identities, and all candidates who would contribute to the diversity of our community.