FACULTIES OF COMPUTER SCIENCE AND LAW
DALHOUSIE UNIVERSITY

The Faculty of Computer Science and the Schulich School of Law, Dalhousie University, invite applications for a joint probationary tenure-track, tenure-track or tenured appointment at the rank of Assistant Professor, Associate Professor, or Professor to commence July 2023, in one or more of the following areas: *Legal, Ethical and Policy Challenges of Big Data; Algorithmic Bias; or Artificial Intelligence.*

Dalhousie University, the Faculty of Computer Science and the Schulich School of Law are committed to fostering a collegial culture grounded in diversity and inclusiveness. We encourage 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/hringfordiversity.

Beginning in 2000 with the introduction of the joint Masters Degree in Electronic Commerce, now the Masters in Digital Innovation, Dalhousie's Law and Computer Science Faculties have explored ways to collaborate to advance research, learning and teaching in areas at the intersections of computer science and law. This joint appointment continues that collaboration towards a greater understanding of the legal, ethical and policy challenges arising from the use of Big Data, the development of algorithmic prediction systems, and the deployment of artificial intelligence systems. Multi-disciplinary research and teaching are essential to pave the way to integrated legal and computer systems, to ensure that society can make the most efficient use of technology in a manner that respects individual rights, takes account of disparate impacts of these technologies on marginalized groups, and promotes the public interest.

Big Data is one of Dalhousie University's two Cross-Cutting Research Themes. It is also a component of six of the UN Sustainable Development Goals (SDGs). Dalhousie's research priorities are grounded in the SDGS.

For more information about Dalhousie's research clusters and expertise, see https://www.dal.ca/research/SignatureResearchClusters.html
We seek applicants comfortable working at the intersections of computer science and law to contribute to the research and teaching programs in both faculties. Their research themes must be in one or more of the areas identified above, or related areas. They will ideally have, in addition, complementary interests in one or more of intellectual property, cybersecurity, and related ethical, regulatory and policy issues. The ideal candidate has a portfolio of published work in both Law and Computer Science venues. They will be able to play an active role in advancing the work and activities of the Schulich School of Law's Law and Technology Institute

and Technology and Innovation Law Clinic (*initio*), and the Faculty of Computer Science's Institute for Big Data Analytics.

Applicants with a Law background would at the time of appointment hold an LL.B. or J.D. degree, a relevant Master's degree, and a relevant doctorate (completed or in progress). Applicants with a Computer Science background would hold at the time of appointment a Ph.D. in Computer Science or related fields. Regardless of educational credentials, all applicants must have an outstanding academic record in Law/Computer Science. Additionally, applicants must demonstrate an accelerating record of scholarly engagement relevant to the thematic areas identified above. A record of teaching excellence is a strong asset.

Review of applications will begin on October 1, 2022, and will continue until the position is filled.

About the Schulich School of Law

We are a vibrant, collegial, and close-knit community of faculty and students from around the world. We live the Weldon Tradition of Unselfish Public Service – of giving back and making the world a better place. We draw talented students from every region of the country and from around the world into our J.D., combined J.D./Masters, LL.M., and Ph.D. programs. We mix imagination with innovation to push legal research in bold new directions and to make significant contributions to legal knowledge. Our alumni hold every form of government office, teach in law schools, innovate in the provision of private and public sector legal services and in business, advance policy in the executive branch of governments, render decisions on courts across the country, and offer service to non-governmental bodies and non-profit and community organizations.
For more information, see https://www.dal.ca/faculty/law.html

About the Faculty of Computer Science

Dalhousie University's Faculty of Computer Science is the premier research institution in Computer Science in Atlantic Canada. Our mission is to develop in our students the deep technical, problem-solving and leadership skills needed to create – or leverage – new computing technologies to empower people, organizations and society. From oceans to healthcare, information communications technology to aerospace, our students, professors and alumni are using their skills to make an impact. The Faculty of Computer Science is committed to expand research at the intersections with other academic fields as part of its *Here we code* program.

For more information, see http://www.cs.dal.ca and https://www.herewecode.ca.

Both faculties embrace the interdisciplinary opportunity of working in a university, we value the creation and dissemination of new knowledge, and we are firmly committed to students and to teaching and learning excellence. We value the contributions of the founding communities in this province, the Mi'kmaq Nation, Acadians, African Nova Scotians, and British, and we open our doors to the world.

How to Apply

Applications should include a resume, university transcripts, separate teaching and research statement (maximum five pages each), and the names of three referees, at least two of whom must be academic referees. If a candidate's graduate degree is in progress, then in their cover letter they should indicate their stage of completion. Applications should be submitted online at:
https://dal.peopleadmin.ca/postings/11047

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority.