

Postdoc at the University of Toronto: Modelling and Analysis of On-Demand Transportation

Position summary: We invite applications for a full-time post-doctoral fellowship position to investigate theoretical questions and practical aspects pertaining to the modelling, analysis and design of on-demand transportation systems, such as ride-hailing and food delivery platforms. The successful candidate will be part of the Operations Management and Statistics group at the Rotman School of Management, University of Toronto. The candidate will be co-supervised by Philipp Afèche (Rotman School of Management) and Andre A. Cire (Dept. of Management, UTSC & Rotman).

Qualifications:

1. PhD (earned or to be granted) in Industrial Engineering, Management Science, Operations Research, Operations Management, Applied Mathematics, Computer Science or related fields.
2. Strong expertise in queuing, stochastic modeling, simulation, and optimization.
3. Strong communication skills (both written and spoken) and self-motivation.

Terms of the position: The expected start date is September 2022 with the expectation that the candidate relocates to Toronto, Canada. This position is for one year with the possibility of an extension for an additional year based on mutual interest and funding availability.

This position offers a competitive salary and full benefits.

Application instructions: To apply, please send an email with the subject "*Postdoctoral Position in On-Demand Transportation*" to afeche@rotman.utoronto.ca. The email should include the following materials in PDF format:

- Cover letter indicating why you would be appropriate for the position
- CV, including contact information for at least two references
- At least two sample research papers
- Graduate transcripts

Applications will be accepted until the position is filled.

The University of Toronto is strongly committed to diversity within its community and especially welcomes applications from racialized persons / persons of colour, women, Indigenous / Aboriginal People of North America, persons with disabilities, LGBTQ2S+ persons, and others who may contribute to the further diversification of ideas.