Hiring Ad for a PhD Student

Location: McMaster University, Hamilton, Ontario, Canada

Position Summary

I invite applications for a PhD position to conduct research in the area of stochastic optimization and dynamic decision-making with applications in supply chain management at McMaster University. The applicant will be hired at the DeGroote School of Business (DSB) for Fall 2025.

The successful candidate will contribute to the development of empirical and stochastic models to transform data into better decisions for various processes and operations, particularly related to Supply Chain Management and Smart Cities. Our aim is to creatively combine tools from machine learning, optimization, stochastic processes (e.g., Markov decision processes), and approximate dynamic programming to develop meaningful dynamic control policies for problems that arise in (large-scale) stochastic systems.

If you share enthusiasm for academic challenges and meet the requirements below, I encourage you to apply.

Qualifications:

- An MSc degree in Industrial Engineering, Operations Research, Computer Science, or closely related fields.
- Strong background in probability theory, operations research, and (stochastic) optimization.
- Proven track record of research excellence and publication in peer-reviewed journals.
- Proficiency in English

Application procedure:

Interested candidates are asked to submit a complete application package, which includes: 1) a Curriculum Vitae, 2) undergraduate and graduate transcripts, 3) contact information for three references to **Dr. Nooshin Salari** by email at **salarin@mcmaster.ca**.

Application Deadline: The position will remain open through **Oct 1st, 2024**.

We are committed to an equitable, diverse, and inclusive hiring process and encourage applications from individuals of all backgrounds.