

# Seyedeh Parisa Moosavi

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in pari-sa-moosavi

## Education

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- ▶ **Ph.D. in Operations Management & Statistics** 2023-present  
*Rotman School of Management*  
*University of Toronto, Toronto, Canada*
- ▶ **M.Sc. in Industrial Engineering (Systems Optimization)** 2020-2022  
*Sharif University of Technology (SUT), Tehran, Iran*  
*Thesis: Van-based Robot Routing Problem with Simultaneous Pickup and Delivery under Time-varying Traffic Conditions*
- ▶ **B.Sc. in Industrial Engineering** 2016-2020  
*Sharif University of Technology, Tehran, Iran*  
*Thesis: Improving Customer Experience Using Social Media Campaigns (Fast Food Industry)*

## Research Interests

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- ▶ **Area**  
Sustainability, Transportation, Supply Chain Management
- ▶ **Methodology**  
(Approximate) Dynamic Programming, Combinatorial Optimization, Integer Programming

## Papers

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- ▶ **Work in Progress**  
Partially Marginalized Fluid Models for Weakly Coupled Markov Decision Processes  
SP Moosavi, AA Cire, S Nadarajah

## Honors & Awards

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<b>Fellowship</b> of Rotman School of Management	2023-present
TD MDAL Research Grant	2025
Travel & Relocation Grant, University of Toronto	2023
<b>Straight</b> M.Sc. admission offer from Industrial Engineering Department, SUT	2020
Among the <b>top 5</b> students of Industrial Engineering Department, SUT	2020
Outstanding Student Award, Sharif Stars ceremony, SUT	2018
Iran National Elite Foundation Scholarship	2016
<b>Rank 2</b> , Nationwide University Entrance Exam	2016

# Experience

## Teaching Experience (TA)

- University of Toronto

Operations Management (MBA)

Service Analytics for Management Analysis (MMA)

Supply Chain Management (MBA)

Quantitative Reasoning for Management (EMBA)

Business Operations for Sustainability (MBA)

Operations Management (Undergrad)

Statistics for Management (MBA)

Supply Chain Management (Undergrad)

Fall 2024, Fall 2025, Winter 2026

Winter 2025, Winter 2026

Fall 2024, Winter 2026

Fall 2025

Fall 2025

Fall 2025

Winter 2025

Fall 2024
- Sharif University of Technology

Fundamentals of Computer Simulation

Transportation Planning

Operations Research1

Computer Information Systems in Industrial Engineering

Plant Layout

Operations Research2

Fall 2021, Spring 2022

Fall 2021

Spring 2021

Spring 2021

Fall 2019, Spring 2020

Fall 2019, Spring 2020, Fall 2020, Spring 2021

## Services & Leadership Experience

- VP of Communication, Toronto Student Chapter, Canadian Operations Research Society (CORS)

• Received CORS Bronze Medal recognition (2025)

Feb.2025-present
- Volunteer Organizer, INFORMS Computing Society (ICS) Conference

Mar.2025

## Industry Experience

- Business Management Analyst, Blue Ocean Strategy Developers co.

Jan.2022-May2022
- Maintenance Expert (Internship), Ports and Maritime Organization

July2019-Sep.2019

# Skills

- Computer Skills

◇ Programming Languages: Python, R, MATLAB,  $\text{\LaTeX}$

◇ Optimization: Gurobi, CPLEX
- Language Skills

◇ Persian: Native

◇ English: Fluent