SAEED HARATI-ASL, PhD

Data Scientist | Data Analyst | Complex Systems Modeler

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Summary of competencies

- Experienced in building Supervised and Unsupervised Machine Learning models
- Experienced in building Reinforcement Learning models
- Experienced in model testing and assessment
- Knowledgeable in advanced statistics, spatial analysis, linear algebra, operations research
- Experienced in programming with R, Python, Java, C++
- Confident user of PowerBI and Tableau for generating visualizations and dashboards
- Well trained in communication skills, time management and project management

Current training

Data Science Program, Data Science Infinity, online	2023-05 to date
Advanced Data Analytics with Python, University of Tehran, online	2023-03 to date

Experience

Postdoctoral Fellow, McGill University, Montreal	2023-03 – 2025-03
- Modeled network flows and transportation optimization problems	
Research Fellow, Université de Montréal, Montreal	2021-09 – 2023-02
- Modeled organizational change	
Lecturer (contract, part time), Université de Montréal, Montreal	2022-01 – 2023-06
- Taught statistics and complex systems modeling	
Research and Teaching Assistant, Université de Montréal, Montreal	2015-09 – 2022-06
- Collected, curated and analyzed data, produced technical reports, mentored students	
Renewable Energy Advisor, Renewable Energy Organization of Iran, Tehran	2010-09 – 2014-06
- Oversaw liaison with International Renewable Energy Agency, produced technical reports	
Engineering Contracts Specialist, Sazeh-Pad Construction Co., Tehran	2009-04 – 2010-08
- Oversaw subcontracting for civil, mechanical, electrical works	
Assistant Project Manager, Road Maintenance & Transport Organization of Iran	2005-04 – 2009-03
- Oversaw liaison with World Bank, delivered reports on project progress	
Mechanical Engineer, Bihamta Energy Saving Co., Tehran	2003-02 – 2005-03
- Collected data and produced reports on energy efficiency in the transportation sector	

Education

PhD Geomatics, Université de Montréal	2016-01 – 2022-06
MSc Environment and Sustainable Development, Université de Montréal	2014-09 – 2015-12
MSc Environmental Engineering, Azad University Science and Research, Iran	2003-09 – 2006-06
BSc Mechanical Engineering, University of Tehran, Iran	1996-09 – 2002-12

Other certificates

Communication Skills, Project and Time Management, Leadership, MITACS	2022-2025
MBA, University of Tehran, Iran	2010-2011