

Education

- Concordia University 2022- Pres.
M.Sc. in Quality Systems Engineering | GPA: 4.15/4
- Amirkabir University of Technology 2017-2021
B.Sc. in Industrial Engineering | Graduated with Distinction (GPA: 3.88/4)

Work Experience

- Data Analyst Intern 2020
Data Analyst intern at the department of Data Analysis in ERICO,
Responsibilities: Producing Management Dashboards, Simulating the companys processes with BPMN2.0 in Visio,
Business Process re-engineering (BPR), Executing "5S" technique on storage
- Graduate Teacher Assistant 2022- Pres.
Teacher assistant of following courses at Concordia University :
"System Engineering Maintenance Management, "Quality in Supply chain Design", "Product Design Methodology",
"Discrete Math" and "Probability and Statistics"
- Bachelor Teacher Assistant 2019-2020
Teacher assistant of "Principles of Accounting and Cost Analysis" at Amirkabir University of Technology

Publication

- Conference Submission Aug. 2022
Dynamic Maintenance for Large Scale Identical Parallel Manufacturing Systems Using Reinforcement Learning,
Reliability and Maintainability Symposium (RAMS), 2022 (Accepted)(Nominated for "Best Paper" award)

Selected Courses and Projects

- Selected Courses
Systems Engineering Maintenance Management | Total Quality Methodology in Engineering | Statistical Approaches to
Quality | Total Quality Project Management | Data Analysis | Management Information Systems | Principle of Simulation |
- Selected Projects
Covid-19 Detect Laboratory and Hospital Simulation Using MATLAB | Improving waiting time in a bank with
DMAIC approach | Several Data Analysis Projects Using Python |

Honors and Awards

- Receive "Merit Scholarship" from Concordia University 2022
- Ranked 6th 2017-2021
Among more than 100 B.Sc. students of Industrial Engineering and Management Systems
- Ranked in top 1 % 2017-2021
Among the Amirkabir University of Technology
- Ranked top 1 % 2017
Among near 150,000 participants in the National Universities Entrance Exam
- Member of The National Organization for Development of Exceptional Talents (NODET) 2010-2017
By taking the entrance exam in 2010

Skills

Programming Languages	Experienced: Python C
Simulation	Arena BPMN 2.0
Data Analytics	Weka SPSS Power BI
Project Management	MSP
General	Microsoft Excel, Word, PowerPoint,... (Certified) PhotoShop (Certified)

Languages

English: Academic IELTS 7.5 | Farsi: Native | French: Beginner

Voluntarily Activities

- Organizing GirlSET event at Concordia University 2022
which was about encouraging female high school students to pursue a career in engineering
- Scientific Editor of the book " principle of accounting" 2020
Ref: Dr. Hamidreza Shahabi Haghighi (shahabi@aut.ac.ir)
- Member of the team of authors 2019-2021
In the "Journal of the Scientific Association of the Faculty of Industrial Engineering" at Amirkabir University of Technology
- Member of the executive team 2017-2021
in holding many conferences and meetings in the faculty and university(certified)