



Mehrnaz SALMANI  
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 github |  linkedin

## EDUCATION

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- **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)

## PUBLICATION AND THESIS

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- **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**)
- **JOURNAL SUBMISSION** In progress  
CURRENTLY WORKING ON THE APPLICATION OF DEEP REINFORCEMENT LEARNING AND DIGITAL TWIN IN MAINTENANCE SCHEDULING OF MULTI-COMPONENT SYSTEMS
- **BACHELOR'S THESIS** 2021  
CUSUM CHARTS ANALYSIS FOR MONITORING WAITING TIME WITH SIMULATING THE SYSTEM  
REF: ASHRAFI.MM@AUT.AC.IR

## INTERNSHIP

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- **DATA ANALYST INTERN** 2021  
DATA ANALYST IN DIVAR COMPANY,  
**RESPONSIBILITIES:** CHANGING THE DATA MODEL OF THE COMPANY AND SOME OF THE PROCESSES, CREATING ANALYTIC AND VISUALIZATION-SPECIFIC DATA SETS
- **DATA ANALYST AND PROCESS ENGINEER INTERN** 2020  
DATA ANALYST INTERN AT THE DEPARTMENT OF DATA ANALYSIS IN ERICO,  
**RESPONSIBILITIES:** PRODUCING MANAGEMENT DASHBOARDS, SIMULATING THE COMPANY'S PROCESSES WITH BPMN2.0 IN VISIO, BUSINESS PROCESS RE-ENGINEERING (BPR), EXECUTING "5S" TECHNIQUE ON STORAGE

## ACADEMIC EXPERIENCE

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- **GRADUATE TEACHER ASSISTANT** 2022- Pres.  
TEACHER ASSISTANT OF "SYSTEM ENGINEERING MAINTENANCE MANAGEMENT", "QUALITY IN SUPPLY CHAIN DESIGN" AND " PRODUCT DESIGN METHODOLOGY" COURSE AT CONCORDIA UNIVERSITY  
REF: FARNOOSH.NADERKHANI@CONCORDIA.CA
- **GRADUATE TEACHER ASSISTANT** 2022- Pres.  
TEACHER ASSISTANT OF "DISCRETE MATH" AT CONCORDIA UNIVERSITY  
REF: ARASH.MOHAMMADI@CONCORDIA.CA
- **BACHELOR TEACHER ASSISTANT** 2019-2020  
TEACHER ASSISTANT OF "PRINCIPLES OF ACCOUNTING COST ANALYSIS" AT AMIRKABIR UNIVERSITY OF TECHNOLOGY

## HONORS AND AWARDS

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- **RANKED 6TH** 2017-2021  
AMONG 100 B.Sc. STUDENTS OF INDUSTRIAL ENGINEERING AND MANAGEMENT SYSTEMS
- **ELIGIBLE TO CONTINUE MY EDUCATION WITHOUT ENTRANCE EXAM** 2021  
CONTINUE MY EDUCATION IN MASTER'S DEGREE AT THE AMIRKABIR UNIVERSITY OF TECHNOLOGY AND THE UNIVERSITY OF TEHRAN WITHOUT TAKING THE "NATIONAL ENTRANCE EXAM FOR GRADUATE SCHOOLS", AS A REWARD OF HAVING A TOTAL GPA OVER 16 AND BEING AMONG THE TOP 10 PERCENT OF STUDENTS.
- **RANKED TOP 1 PERCENT** 2017  
AMONG NEAR 150,000 PARTICIPANTS IN THE "NATIONAL UNIVERSITIES ENTRANCE EXAM"
- **GOVERNMENT TUITION-FREE SCHOLARSHIP** 2017 and 2021  
FOR BOTH BACHELOR'S AND MASTER'S DEGREE
- **MEMBER OF THE NATIONAL ORGANIZATION FOR DEVELOPMENT OF EXCEPTIONAL TALENTS (NODET)** 2010-2017  
BY TAKING THE ENTRANCE EXAM IN 2010

## SKILLS

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PROGRAMMING LANGUAGES	<b>Experienced:</b> 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	<b>Native:</b> Persian <b>Fluent:</b> English (IELTS 7.5) <b>Beginner:</b> French

## VOLUNTARILY ACTIVITIES

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- **ORGANIZING GIRLSET EVENT AT CONCORDIA UNIVERSITY** 2022  
WHICH WAS ABOUT ENCOURAGING FEMALE HIGH SCHOOL STUDENTS TO PURSUE A CAREER IN ENGINEERING
- **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)