

# Zahra Zamani

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## EDUCATION

### University of Tehran

*Bachelor of Industrial Engineering*

- **GPA: 3.013 (15.63/20)**

2018-2022

*Last Year GPA: 3.53 (17.33/20)*

### University of Tehran

*Master of Industrial Engineering*

- **GPA: 3.52 (16.41/20)**

2022-Present

## RESEARCH EXPERIENCE

### University of Tehran

*Researcher*

Tehran, Iran

2022.01-2022.09

- Data Mining & Feature Selection using Heart Disease Database to find most prominent features in the diagnosis process using miscellaneous Machine Learning and Neural Network Models.

### University of Tehran

*Quality Control*

Tehran, Iran

2022.07-2022.09

- Performed a Parametric Study over various features and aspects of Oil Filter GASKET to predict the acceptance of the daily production line. This study includes the detection process of anomalies in the Quality Characteristic plots.

## PUBLICATION

**A different look at quality control with a focus on the packaging industry**

Z.Zamani & A. Hasanzadeh

*9th Newly Constituted National Congress on Management and engineering industries*

2022.03-2024.08

## RESEARCH INTERESTS

- Supply Chain Management
- Statistical Quality Control
- Project Management
- Data Science
- Optimization
- Medical Data Analysis

## SKILLS

### Engineering

- **Machine Learning & Data Analysis** - Python, GAMS, Microsoft Excel
- **Data Engineering** - SQL
- **Operation Management** -
- **Business Analytics** -
- **Industrial Engineering** -
- **Supply Chain Management** -

### General

- **Language Skills** - Persian as mother tongue, Fluent English – IELTS: **To be Taken** GRE: **330.5**

## PROJECTS

- Disease Prediction via Heart Data Mining and Feature Selection *September, 2022*
- *Air Pollution Effect on the Sleep Quality, A Data Mining Approach in a Case Study.* *September, 2024*

## REFERENCES

- Prof. Mohammad S. Sangari :::mssangari@torontomu.ca *2019- 2022*
- Prof. Rouzbeh Ghousi :::ghousi@iust.ac.ir *2022-Present*
- Prof. Ahmad Makui ::: amakui@iust.ac.ir *2022- 2023*