Shayan Darabi

Shahriar, Tehran
+98 9912535237
darabishayan0@gmail.com

EDUCATION

Khaje Nasir Toosi University of Technology

2019 - present

Bachelor of Science - BS, Industrial Engineering

Khayam High School

Diploma of Education, Mathematics and Physics

2016-2019

Experience

Data Analyst at Parsian Quality and Productivity Research Center

Internship

- Working as a data analyst and machine learning researcher in the field of Remaining Useful Life (RUL) prediction for rollers in the hot and cold rolling process under the supervision of Dr. Abbas Saghaei.
- Cleaning and aggregating complex datasets using Python packages like Pandas and Numpy to ensure data quality and integrity.
- Utilizing Matplotlib and Seaborn to create insightful data visualizations like depicting P control charts.
- Developing informative dashboards using Pandas Profiling to provide actionable insights.
- Learning and exploring the implementation of metaheuristics optimization techniques in Python to solve complex optimization problems like VRP.

Teaching Assistant

Programming Fundamentals (C++)

Certificates and Taken Courses

Advanced Python Programming and Object-Oriented Thinking Course

Supervised Machine Learning: Regression and Classification

Understanding and Visualizing Data with Python

Microsoft SQL Server Development for Everyone

Excel Skills for Business Specialization

Neural Networks and Deep Learning

Advanced Learning Algorithms

Data Analysis with Python

Machine Learning

SKILLS

Python, SQL, MS Excel

Statistical analysis, linear algebra, calculus

Data analysis (experienced with Numpy and Pandas packages)

Familiarity with machine learning algorithms and libraries like Scikit-learn

Data visualization (experienced with matplotlib and seaborn packages)

Teamwork

Self-learning

Problem-solving

LANGUAGES

English - Professional working proficiency

French - Elementary Proficiency