



Efe Güneş

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Profile Info

I am Efe Güneş, a Final-year Industrial Engineering student. Throughout the academic semester, I actively work to apply the theoretical knowledge gained in class to real-life situations. In addition, I focus on improving my skills in **Data Science** and **Operations Research**.

Education

Piri Reis University, BS in Industrial Engineering (4th year) Sept 2021 – Jun 2026

100% English

75% Scholarship

GPA: 3.08/4

Coursework: Operations research, Probability theory, Decision theory, Statistics, Supply Chain Management

Tuzla Birey High School Sept 2017 – Jun 2021

GPA: 89,86/100 (Certificate of Excellence)

Experience

Long-Term Supply Chain Excellence Internship, Assan Aluminyum Istanbul, Türkiye July 2025- Present

- Utilized data analysis tools (e.g., Excel) to visualize trends and provide actionable insights to decision-makers.
- Participated in cross-functional projects focusing on production planning, inventory optimization, and logistics coordination.
- Supported continuous improvement initiatives by analyzing supply chain processes and identifying opportunities for efficiency gains.

Production Planning and Control Intern, Parsan Machine Parts Kocaeli, Türkiye Aug 2024- Sep 2024

- I gained a detailed understanding of the steps of production planning and control processes and gained mastery of basic concepts such as demand forecasting, capacity planning, and work sequencing.
- I had the opportunity to work with the ERP software used in the company and followed the Material Requirements Planning (MRP) and Inventory Management processes through ERP.
- I had the opportunity to develop and present a long-lasting pallet project for sustainability

Process Development Intern, EAE Electric Kocaeli, Türkiye July 2023- Aug 2023

- I had the opportunity to see most of the production methods I had seen in the lessons in the field and learned how the processes work.
- I had the opportunity to do the method work on the assembly line.
- I had the opportunity to see and experience quality control processes and experienced the application of the fish-bone diagram by participating in quality meetings.

Volunteer Work

Board Member & Head of External Relations Committee, Industrial Engineering Club: We organize sponsorship meetings, seminars, and technical trips, continually enhancing both our personal development and our club's networking opportunities.

Data Science Team Member at COMPRU: I have successfully planned, implemented, and managed various projects in the fields of Data Science and Machine Learning. These projects have allowed me to gain hands-on experience in data analysis, predictive modeling, and algorithm development, while also enhancing my problem-solving and project management skills.

Project

AI-Powered Credit Evaluation and Risk Analysis for Enhanced Financial Decision-Making, Winner (1st Place), TEKNOFEST Technology Competition Sep 2024- Present

- We are leading an exciting project focused on AI-driven credit assessment and risk analysis in the field of financial technologies, as part of our university's participation in Teknofest. At the same time, we are conducting this project as a scientific research initiative within our university. In this project, I am contributing as the communication officer, facilitating seamless collaboration and promoting our work to a wider audience.
- Tools Used: Python, Pandas, Numpy, scikit-learn, Seaborn

Skills

Programming Skills: Python

Software Skills: AutoCAD, Microsoft Excel, Microsoft Word, PowerPoint, Draw.io

Language Skills: Turkish(Native), English(B1)

Certificate: Machine Learning with Python (BTK Academy 2024), Data Analyst with Python (DataCamp 2024)

Reference

Associate Professor Levent ERİŞKİN

Vice Dean of the Faculty of Engineering at Piri Reis University

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