Alparslan Sertel

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EDUCATION

Middle East Technical University   Ankara, Turkey
Bachelor's Degree in Industrial Engineering   July 2023
Honor Student with cGPA 3.11

Relevant Coursework:
- Operations Research, Statistics, Mathematics, Data Science, Economics, Computer Science

Capstone Project: Marketing Decision Support System for Mobile Game Industry
- Developing a tool to estimate success rates of alternative campaigns and bidding strategies, allocate a given budget between multiple platforms and campaigns, and decide on a final strategy that will maximize estimated revenue based on previous campaign data.
- Advisors: Cem İyigün, Prof. Dr., Sinan Gürel, Prof. Dr.

PROFESSIONAL EXPERIENCE

SabancıDx   Istanbul, Turkey
Intern, Advanced Data Analytics   September 2021 – Present
- Developed an image classification project for a quality control activity for a market chain, reducing the required workforce, time, and overall costs.
- Developed an automatized machine scheduling project for a group of factories, working on big data and designing linear programming models to give suggestions for machine settings and scheduling, reducing energy consumption for the production processes.

Remmsoft Software Inc.   Bursa, Turkey
Intern, Mobile Development   March 2020 – May 2021
- Developed consulting software that handles demand forecasting, personnel development, quality control, and WCM processes for customer companies.
- Consulted software developers about implementing Industrial Engineering approaches such as Lean Production or Kaizen methodologies into the consulting software.

Mega Textile   Bursa, Turkey
Summer Intern, Production   June 2021 – July 2021
- Developed a project to increase the productivity of warehouses and workers using layout optimization methods and operations research methodology for service processes, redesigned the storage exchange system to reduce the required workforce and costs of a local warehouse.

VOLUNTEER EXPERIENCE

METU Robotics Society Ankara, Turkey
Finance Team Member, Coordinator October 2018 – May 2021
- Coordinated 16th and 17th International METU Robotics Days with over 10.000 attendees annually.
- Arranged sponsorships to fund robotics teams, conferences, and events. Participated in robotics contests in autonomous drone and autonomous traffic robot categories.

METU AI Society Ankara, Turkey
Project Developer September 2022 – Present
- Developed an auto-moderation tool for a social media platform with over 1 million visitors using natural language processing methods.
- Developed a time series analysis library in Python for processing, analyzing, visualizing, and forecasting time series data.

SKILLS & INTERESTS

Computer Skills: Proficient in Python, C, R, SQL, Stata, MATLAB, JavaScript
Languages: Fluent in Turkish, C1 in English (IELTS Band 8), A2 in German, A1 in Italian
Honors & Awards: 2nd place in the 2022 VakaVT Operations Research Case Study Competition
Interests: Generative AI Models, Sports Analytics, Playing Basketball, Cinema, Singing & Songwriting in Guitar, Game Development