

YUSUF ENES ULUDAĞ

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EDUCATION

Bilkent University, Faculty of Engineering
B.S. in Industrial Engineering; GPA 3.34/4.00

Ankara | 2021-2026

Eindhoven University of Technology
Department of IE & IS - Industrial Engineering, exchange student

The Netherlands | Feb 2025- Jul 2025

Coursework: Completed 4 Master's level courses focusing on sustainability, pricing and AI for logistics.

Vefa High School

Istanbul | 2016-2021

EXPERIENCE

Beko Refrigerator Plant, Capstone Project

Ankara | Sep 2025 – Present

- Developed an AS/RS optimization framework using custom heuristic algorithms and K-means clustering as a team and achieved a 40% reduction in average crane travel distance.
- Developing a Python-based Decision Support System to automate storage assignment and real-time retrieval scheduling.

Personal E-commerce Initiative, Co-Founder

Ankara | Jun 2025 – Nov 2025

- Established a personal online initiative selling custom glass print wall art through Etsy and a dedicated website.
- Managed all aspects of the project, including design, marketing strategies, and operational logistics, analyzing customer traffic trends to inform pricing and customer engagement.

ASELSAN, Production Planning Intern

Ankara | Jul 2025 – Aug 2025

- Designed a new warehouse layout utilizing AutoCAD to resolve bottleneck issues and optimize unit placement, projecting a 6% increase in operational efficiency.
- Delivered a comprehensive presentation of the finalized warehouse design to the sector president, highlighting cost savings and productivity improvements.

Türkiye İş Bankası, Loan and Portfolio Management Intern

Istanbul | Jul 2024 – Aug 2024

- Developed a project proposal for sustainable loan evaluation models by researching AI-based solutions for green finance and ESG frameworks, delivering a final presentation to senior management.

Bilkent University, Industrial Engineering Department, Teaching Assistant

Ankara | Jan 2024 – Jun 2024

- Collaborated with a team to lead weekly recitations and supervise term projects for the Modeling and Optimization course, mentored 60+ students in linear programming fundamentals and scheduling and resource allocation modelling.

Toros Tarım A.Ş., Planning and Coordination Intern

Istanbul | Jul 2023 – Aug 2023

- Analyzed historical demand data to design a streamlined production schedule, optimizing daily factory output and reducing idle time. Refined processes based on feedback and operational challenges to sustain productivity gains.

EXTRACURRICULAR ACTIVITIES

- Board member, Vefa High School France Culture Club, 2019
- Active Member, Bilkent University Social Sciences Society, Investment and Economy Division, 2022-2023
 - Organized investment-focused events, hosting economists to enhance economic literacy for 100+ attendees.

SKILLS AND ABILITIES

Data Analysis & Programming: Python, SQL, Minitab, Power BI Engineering Design: SolidWorks, AutoCAD
Optimization & Simulation: Arena, Xpress, Excel Solver, CPLEX Productivity Tools: MS Office (Excel, Word, PPT)

Languages: Turkish (native), English (full professional proficiency), French (basic)

HONORS & CERTIFICATES

- Placed in the top 0.1% in the National University Exam among over 2.6 million students, 2021
- Bilkent University Honor and High Honor student, 2021-2025
- Certificate: "Financial Markets" Yale University, Online, 2022
- Certificate: "Data Visualization with Excel and Cognos" IBM, Online, 2023
- Certificate: "McKinsey Forward Program" McKinsey & Company, Online, 2024.
- IELTS Academic: Overall Band 7.0, 10-2024

Hobbies & Interests

Playing piano, swimming, squash, corporate finance, entrepreneurship, and financial markets.