

NUMAN OZAN

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Available for part-time opportunities immediately | Full-time availability from November 2026

EDUCATION

TOBB University of Economics and Technology

Ankara, Turkey

B.Sc. in Industrial Engineering (Full Merit-Based Scholarship) - Expected Graduation: November 2026

- Cumulative GPA: 2.99 / 4.00
- University entrance exam: ranked 4,441st among 3.25 million candidates (top 0.15%).

EXPERIENCE

Infinia

May 2026 - Aug. 2026

Project Management Intern (Co-op) - XPZone - Ankara, Turkey

- Built an Excel pricing model comparing supplier costs, selling prices and profitability, with adjustable scenarios to assess price changes against target profit levels.
- Evaluated three experience concepts against technical readiness, investment needs and audience fit; consolidated findings into a business plan.
- Tracked team responsibilities and delivery status across interactive content, game and interface workstreams.

Mitas Industry Inc.

Jan. 2025 - Apr. 2025

Production Planning Intern (Co-op) - Ankara, Turkey

- Prepared SAP-based cutting plans for lattice-tower production, grouping manufacturing cards by raw-material length, shipment dates and production requirements.
- Selected raw materials and adjusted cutting parameters for manufacturing feasibility; processed stock movements under team guidance and issued cutting plans to production.

HAVELSAN

May 2024 - Aug. 2024

Project Management & Analysis Intern (Co-op) - KOVAN ERP - Ankara, Turkey

- Documented screen rules and UI-to-database field mappings in Software Design Forms (YTFs) for KOVAN ERP Logistics, providing implementation guidance for developers.
- Tested screens against functional requirements, logged Non-Conformity Reports (NCRs), and verified developer fixes through retesting before closing reports.
- Contributed to interface design and database updates under team guidance within an Agile/Scrum workflow with daily stand-ups and two-week sprint cycles.

SELECTED PROJECTS

Port Logistics Optimization for Kardemir A.S.

Sep. 2025 - Mar. 2026

Senior Design Project | Python, Pyomo, Gurobi, MILP

- Developed a berth-allocation MILP model for 51 ships/year and 3.4M tons of raw materials, incorporating arrival schedules, berth constraints and a 400,000-ton stockyard.
- Optimized schedules reduced total simulated ship waiting time from 547 to 126 days, indicating up to \$8.4M in potential annual demurrage savings.

Digital Loyalty Platform (In Development)

May 2026 - Present

Team stack: React Native, TypeScript, Supabase, Next.js, Monorepo

- Supporting a pre-launch QR/code-based loyalty platform for cafes and pubs through React Native codebase review, Android environment setup and real-device testing.

Database Design for Business Processes

May 2025 - Aug. 2025

MS Access, SQL

- Designed a relational database using MS Access and SQL to support business processes, with a focus on data organization, querying and reporting.

Aircraft Cargo Loading Optimization

Nov. 2024 - Dec. 2024

Python, Pyomo, MILP

- Developed a MILP model to optimize cargo selection and placement across 34 pallet types, maximizing aircraft payload subject to shear-force and center-of-gravity constraints.

Cue Point Estimator

Jan. 2025 - Feb. 2025

Python, librosa, Audio Signal Analysis

- Developed an audio-analysis tool that uses energy, spectral and tempo features to detect musical transitions and automatically place hot cue points for DJ preparation.

SKILLS & ADDITIONAL INFORMATION

Optimization & Simulation: Pyomo, Gurobi, Arena, MILP, Discrete-Event Simulation

Data & Programming: Python (pandas, NumPy), SQL, MS Excel, MS Access

Enterprise Systems & Processes: SAP (planning and inventory workflows), MRP, Agile/Scrum, Functional Testing

Languages: Turkish (Native), English (Professional Working Proficiency), German (Elementary; A2 in progress)

Award: Model United Nations - Outstanding Delegate