Yusuf Erdem

⚲ Ankara, Turkey   ✉ abdullahyusuferdem@gmail.com   ☐ +905464380894   in/yusuferdem16   ⚓ yusuferdem16.github.io

EDUCATION

Computer Engineering Bachelor's Degree
Ankara Yildirim Beyazit University • Ankara, Turkey • 2026

SUMMARY

I'm a curious and driven Computer Engineering student at Ankara Yıldırım Beyazıt University, with a broad interest in **technology** and a passion for **learning**. I've twice participated in the Work and Travel program, spending a total of eight months living and working in the United States. During this time, I thrived in diverse, multicultural environments—connecting with people from all over the world and gaining valuable insights into different cultures and ways of thinking. These experiences enhanced my **adaptability**, **communication skills**, and **global perspective**. I'm also a certified voice actor and a language enthusiast, always looking for ways to combine **creativity** with technical **problem-solving**. I enjoy stepping out of my comfort zone, exploring new ideas, and contributing meaningfully to innovative teams.

EXPERIENCE

Data Science Intern, Acun Medya Akademi
January 2025 - March 2025,Istanbul

•Collaborating on data science projects to analyze and interpret **large datasets**, gaining hands-on experience in the field.
•Utilizing tools and programming languages such as **Python**, **SQL**, and **data visualization libraries** to extract actionable insights.
•Expanding knowledge in machine **learning techniques**, **data preprocessing**, and **statistical analysis** to support real-world applications.

Software Developer, Belsis (Post-Internship)
September 2024 - April 2024,Ankara

•Engineered and enhanced the company's management program by developing software within the Odoo ERP system using **Python**, customizing and extending **ERP** functionalities to optimize business operations.
•Managed and optimizedrelational databases using tools like **PostgreSQL**, **pgAdmin**, and **DBeaver**, ensuring seamless data integration and accessibility for ERP workflows.
•Streamlined system improvements and team collaboration by leveraging tools like **Jira** and **GitLab** for project tracking, and implementing effective version control practices with **Git** commands.

Software Developer Intern, Belsis
June 2023 - September 2023,Ankara

•Designed and developed a **parcel selection program** on a map using **OpenLayers**, contributing to a **GIS** demo project **adopted by numerous municipalities in Turkey** to improve geospatial data management and decision-making.
•Architected and implemented the backend with **C#.NET** and **SQL**, enabling efficient database operations and seamless parcel selection processes.
•Developed and optimized the frontend using **Node.js**, **JavaScript**, **HTML**, and **CSS**, delivering a responsive and user-friendly interface for municipal staff and stakeholders.
•Collaborated with a cross-functional team using **GitLab** for version control and **Jira** for project management, ensuring timely delivery and seamless teamwork.

CERTIFICATIONS

Complete A.I. & Machine Learning, Data Science Bootcamp
Udemy • 2025 • ude.my/UC-a5f1a647-9f74-4fd1-a8f7-aaf5a02b0acb

Awards

Udham Idea Contest Award Project:

Honorable Mention (**Most Economical Project, Road Transport category**) and **₺50,000** prize winner at the "Reaching and Accessible Turkey 2053" R&D Idea Competition organized by UDHAM (Ministry of Transport and Infrastructure, Türkiye). Project focused on congestion pricing and low-emission zone management to reduce traffic and carbon emissions.

SKILLS

Programming Languages: **Python**, **SQL**, **C#**, **JavaScript** Data Analysis & Visualization: Proficient in statistical analysis, data mining, and machine learning concepts; hands-on experience with **TensorFlow** and libraries like **NumPy**, **pandas**, and **Matplotlib**.
Database Management: **PostgreSQL**, **pgAdmin**, **DBeaver**; experience with relational database design and query optimization.
Software Development: **Object-Oriented Programming**, **ERP customization using Odoo**, full-stack development with **C# .NET** and **OpenLayers** Version Control & Collaboration Tools: **Git**, **GitLab**, **Jira**.
Mathematical Foundations: Applied Linear Algebra, Probability and Statistics, and Discrete Mathematics.
Web Development: Responsive Web Design with **HTML**, **CSS**, and **Node.js** Soft Skills: Strong collaboration in cross-functional teams, adaptability in diverse environments, effective problem-solving, and excellent written and verbal communication skills in English.

Languages

- Turkish — Native
- English — C2 (Full Proficiency)
- German — B1 (Intermediate)
- Serbian — A2 (Beginner)
- Russian — A1 (Beginner)