DOĞU ERBAŞ

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SUMMARY

I am a proactive and curious Computer Engineering student with a strong passion for algorithms, software development, and problem-solving. My background in Electrical and Electronics Engineering helps me approach problems with a multidisciplinary perspective. I aim to contribute to research and development projects, combining technical skills with insights from philosophy and social sciences.

EDUCATION

09.2020 - Present   B.Sc. in Computer Engineering
Middle East Technical University
(Transferred from Electrical and Electronics Engineering Department)

09.2016 - 06.2020   Mehmet Emin Resulzade Anadolu Lisesi

EXPERIENCE

09.2025 - 10.2025
Ankara, Türkiye

Europower Energy and Automation Technologies Inc.
Software Intern
I worked in the software development team focusing on the digitalization of production and quality control processes. During my internship, I developed two full-stack applications from scratch using **C#**, **.NET MAUI**, **ASP.NET Core**, **ADO.NET**, and **SQL Server**. The first project was a Factory Equipment Tracking System that enabled employees to assign and monitor assets within the facility, while the second was a Transformer QC Data Management System that handled transformer test data by fetching records from one database and saving results to another, improving data accessibility for quality engineers. Throughout this process, I gained hands-on experience in database design, API development, and clean code practices, and collaborated closely with engineers to test and refine the applications in real-world conditions.

OTHER EXPERIENCE

06.2022 - 02.2023
Ankara, Türkiye

Grano Coffee & Sandwiches
Barista
Worked part-time while studying; improved multitasking, communication, and time management skills in a fast-paced environment.

08.2022 - 12.2022
Ankara, Türkiye

METU Research and Development Society
Designer
Created visual content for student-led events including TEDxMETU. Gained experience in collaborative design and branding.

PROJECTS

Factory Equipment Tracking System

- Designed and implemented a mobile application for internal asset assignment and tracking.
- Built the backend API and database schema; applied MVVM architecture in .NET MAUI.
- Enhanced internal workflow transparency and simplified data entry.

Transformer QC Data Management System

- Created a dual-database application for reading transformer data from one server and recording quality test results on another.
- Contributed to the company's digitalization initiative by streamlining test data reporting and verification.

SKILLS

Programming Languages: Python, C, C++, C#, ASP.NET, .NET MAUI, MS SQL, HTML/CSS

Tools & Technologies: MATLAB, LTSpice, Siemens NX

Currently Learning: Unity, Git, Machine Learning, Algorithms

INTERESTS

Photograph *(amateur Photographer)*

Swimming *(amateur swimmer)*

Mountaineering *(amateur mountaineer)*

Dancing *(amateur tango dancer)*

LANGUAGE

German: *Intermediate (A2-B1)*

English: *Advanced (C1-C2)*