

Emre Samet EROĞLU

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EDUCATION

DÜZCE UNIVERSITY

Computer Engineering (English)

Düzce, Turkey

Sep 2021 – Present

- President, DÜSİBER Cyber Security Community (2024–2025)

- Member, Google DSC Düzce Hackathon Team (2023–2024)

- GPA: 3.26/4.0

- Focus areas: Python, Java, Machine Learning, Embedded Systems

İZMİR ÇİĞLİ SCIENCE HIGH SCHOOL

İzmir, Turkey

Sep 2017 – Jun 2021

EXPERIENCE

Ecumasters Düzce

Automotive Tuning Trainee

Düzce, Turkey

Oct 2024 – Dec 2024

Öztaş Metal Solutions

Computer Engineering Intern

Manisa, Turkey

Aug 2024 – Sep 2024

- Redeveloped an internal R&D project, boosting performance by 30% and efficiency by 20%.
- Gained hands-on experience in embedded systems, XAMPP, SQL databases, and network troubleshooting.

PROJECTS

Music Genre Detection (MATLAB, Machine Learning) — Built and optimized a machine learning model for music genre classification with 85% accuracy.

Gym Management Application (C#, SQL) — Developed a desktop app to manage member data, attendance, and monthly reports.

Multi-Scale Arduino Weighing System — Created an embedded system using Arduino, HX711, and Nextion display for real-time calibrated weight measurement.

SKILLS & LANGUAGES

Technical Skills:

- Programming:** C, C++, C#, Python, JavaScript (React.js, Node.js, Express.js), MATLAB, Flutter, Java, SQL
- Cybersecurity:** Penetration testing (Burp Suite, Metasploit, Wireshark), Ethical Hacking
- Embedded Systems:** Arduino, HX711, Nextion Display, CAN Bus Communication

Soft Skills: Problem-solving, team leadership, project management, adaptability, and effective communication

Languages: Turkish (Native), English (Intermediate), German (Beginner)