

Berk Egemen Oğuz

Istanbul Arel University Student

Fourth-year Computer Engineering student at Istanbul Arel University and eager to learn new technologies.



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EDUCATION

B.Sc. in Computer Engineering

🏛️ Istanbul Arel University 📅 2023 – 2027 (Expected) 📍 Istanbul, Turkey

- **Relevant Coursework:** Database Management Systems, Data Structures, Algorithms, Object-Oriented Programming, Data Communications and Computer Networks.
- **Technical Focus:** Actively developing a stock market analysis application using Plotly and Matplotlib in Python.

EXPERIENCE

Summer Internship

🏢 Anadolu Sigorta 📅 July – August 2026 (1month) 📍 Istanbul, Turkey

Keywords:

- Completed comprehensive training in insurance principles and industry practices.
- Developed a web-based project for Anadolu Sigorta using HTML.
- Learned and analyzed internal company systems with guidance from mentors.
- Gained understanding of insurance company operations and business processes.
- Learned the intricacies of agile working.

Summer Internship

🏢 Enocta 📅 July – August 2025 (1 month) 📍 Istanbul, Turkey

Keywords:

- Worked on data organization and its analysis in Excel.
- Actively contributed to sales and business development activities.
- Supported customer communication processes.
- Worked on creating, cleaning, and organizing data in a CRM system to improve data quality and accessibility.

PROJECTS

borsadostu.com

A stock market analysis web application designed for use by students and low-profile investors.

Nagle and Clark Algorithm Demonstration

Simulation project demonstrating the impact of Nagle and Clark algorithms on network efficiency.

Document Perspective Correction and Adaptive Text Enhancement

Python pipeline for automatic document enhancement with spatial filtering and adaptive thresholding, evaluated using MSE/PSNR.

WBOCRM

A web-based CRM system developed for small businesses, once fully deployed, using JavaScript, Gherkin, Cucumber, PostgreSQL.

ACTIVITIES

- **Arel Teknofest Kulübü:** Active Member, participating in workshops and meetings focused on national technology competitions.
- **Arel Gömülü Sistemler Kulübü:** Member, following seminars and hands-on activities related to IoT and hardware-software integration.
- **Arel Yazılım Kulübü:** Member, engaging in technical meetups and software development events within the university.

PROGRAMMING LANGUAGES

Java

Object-Oriented Programming, Swing, Database Integration

Python

OpenCV, NumPy, Image Processing, IoT Applications

C++

Network Simulation, Nagle & Clark Algorithms, Data Structures