Orhun Güder

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EDUCATION

Bilkent University   **August 2022 - Present**

BSc in Computer Engineering | GPA: 3.54/4.0
- **Courses:** Applied Cryptography, Data Privacy, Machine Learning, Computer Networks, Operating Systems, Database Systems, Algorithms, Data Structures, Computer Organization, Digital Design
- **Honors:** Honor Student for 7 semesters, High Honor student for 4 semesters

TECHNICAL SKILLS

Languages: Python, C++, Java, Rust, C, C#
Tools and Frameworks: Git, Microsoft Fabric, Pytorch, Numpy, Matplotlib, Pyspark, Pychart, FPGA, Raspberry Pi, Android Studio, SQL, Linux, ICICLE

PAST INTERNSHIPS

KoçSistem   **June 2025**

Data Engineering Intern
- Designed and implemented a remote pipeline in Microsoft Fabric to edit and store data coming from various IOT devices, setting up an internal project within the company.
- Analyzed and charted the data with **Matplotlib**, **Pyspark, Numpy**

BITES   **June 2024**

Avionics Intern
- Designed a system from scratch to test sensitive equipment signals, including the circuitry and the Microcontroller code.
- Designed an algorithm to turn hardware code into minimal practical test cases for testing equipment.

PROJECTS

GPUHound   **January 2026 - Present**
- Currently working on accelerating the post quantum polynomial commitment scheme Greyhound by writing it in ICICLE with Rust, and then writing an efficient GPU implementation.

Hipograf   **June 2025 - Present**
- Worked in a team to design and implement a health visualization tool, fully compatible with the Turkish online health service E-Nabız, usable across the country in every hospital.
- Implemented data visualization using **React** and **Flask.**

MaMe Dataset Classification   **November 2025**
- Worked in a team to analyze and compare different ML and DL models' accuracy at various accuracies for the MaMe dataset.
- Trained ML, DL models like **KNN, SVM, Logistic Regression, CNN** using **Scikit-image, Joblib, Pillow, Pytorch**

BIOS: Bilkent Information Office System   **September 2024**
- Designed and implemented a remotely hosted webpage that makes it possible for Bilkent Information Office to function fully online.
- Did Frontend/Backend Development and used **C#, SQL, Apache**

Zone   **February 2023**
- Worked in a team to develop a native Android social media app only for students, using Firebase servers.
- Designed and implemented the UI in **Android Studio** using **XML, Java**.

RELEVANT EXPERIENCE

BuCode - Boğaziçi Algorithm Competition 2024 Finalist
- Competed in a team to develop algorithms for given problems under time constraints. Qualified for the finals out of 100 teams across the country.

YKS - University Entrance Exam
- Placed 2100th out of 3.2 million students.