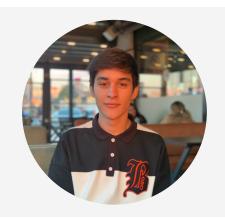
# ALPEREN AĞA

#### SOFTWARE ENGINEER

I've been working on programming since 2018. I worked on different programming languages. But usually, I tend to focus on Python, C/C++, and C#. Also, I made projects with them that anybody can reach on my GitHub.



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Portfolio

#### TECHNICAL SKILLS

- Python
- Git
- C/C++
- Linux
- C#
- SQLite
- OOP
- TCP/IP
- Data Structures Agile/Scrum

### CERTIFICATES

- YDS | C Level
- IEEE | Microsoft Cloud Computing
- HackerRank | Python
- Bilgeİş | Python
- Global Al Hub | Python

# EDUCATION

#### **OSTIM TECHNICAL UNIVERSITY**

Software Engineering 2021 - 2025

# EXPERIENCES

### VISIOTT TRACEABILITY SOLUTIONS (Summer Intern)

- I've developed an **object-detection algorithm** and implemented it without using any library or module.
- We worked together with **R&D Department** in office.
- I've worked on Image-Processing with C# projects during my internship.

## QUAVIS (QUALIFIED AVIATION SOLUTIONS) (Intern)

- I've worked with **Blazor framework** and learned about **WebAssembly**, Client/Server-side development, and ASP.NET.
- I've developed Blazor web applications during my internship.

## **LEMONA SCIENCE** (Summer Intern)

I've developed 2 different projects during my intership.

- **GUI** program that edits incoming signals from any **midi instrument**.
- Parsing and visualizing the NMEA sentences that come with TCP/IP Protocols.

# **PROJECTS**

#### MIDI GUI

During my internship, I developed a GUI program that allows real-time editing and control of Midi signals from any Midi instrument.

## DERGIPARK / WEB SCRAPING

Developed a web scraping project for <u>DergiPark</u>. I parsed and categorized article' metadata into 8 main sections.

#### **UNIX SHELL**

Developed a simple **UNIX shell in C** with built-in commands and the ability to execute any other command through process creation.

#### NMEA PARSER

Created a Python-based NMEA parser to process GPS data and extract all information such as longitude, altitude, and heading degrees.