

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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Turkey / Ankara

[in/Alperenaga](#)

[Alperencode](#)

[Portfolio](#)

TECHNICAL SKILLS

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

CERTIFICATES

- YDS | C Level
- [IEEE | Microsoft Cloud Computing](#)
- [HackerRank | Python](#)
- [Bilgeİş | Python](#)
- [Global AI 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 internship.

- **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 [DergiPark](#). 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.