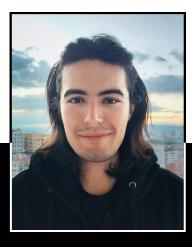## COMPUTER ENGINEERING STUDENT

CONTACT

📍 Ankara | Turkey

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📞 +90 553 255 66 87

○ @opethef10

in onur93arikan

SKILLS

Python

→ Django

→ Pandas, NumPy

→ Pygame

→ FastAPI

C/C++ Programming

Java

JavaScript

SQL

TOOLS

Spyder | PyCharm | Notepad++ | Vim

VERSION CONTROL SYSTEM

Git

LANGUAGES

English:	proficient C2
Turkish:	native speaker
Polish:	intermediate B1
Japanese:	elementary A2

ONUR ARIKAN

ABOUT ME

I am 4th year, soon to graduate, **Computer Engineering** student at **Middle East Technical University** interested in applying for the work position. I would like to work with **Python/C++** or in **Java/JavaScript/SQL** as well as **develop new programming skills**. Moreover, since I don't have many courses left, I am flexible and able to **work part-time**: 1/2 or 3/4 time. My cumulative experience in the sector of professional programming and IT is **6 months of practice** and **1 year 7 months of work**.

WORK EXPERIENCE

Backend Developer: **Parabol** | Ankara | Turkey
2023 May - **2024** January   [9 months]

Technologies: REST APIs, GTFS, Pandas, FastAPI, PostgreSQL, Python

→ Developing algorithms for optimization for public transportation using Google's General Transit Feed Specification (GTFS).
→ Algorithmically producing stops from the city stop data for given route.
→ Optimization for origin-destination algorithms.
→ Developing and testing REST API endpoints.
→ Backend development with FastAPI.

🔗 **References**
Haldun Yıldız
Engineering Manager
+905058464809
haldun.yildiz@ paraboly.com

Instructor: **Kodland** | remote | Turkey
2023 March - December   [10 months]

Technologies: Python, Turtle, Pygame Zero

Python instructor at online classes. Students begin by learning the fundamentals of programming and graduate from the course by obtaining the necessary skills to develop their games.

Intern: **MBS Systems s.c.** | Elbląg | Poland
2022 July - September   [3 months]

Technologies: Python, Django

Writing unit tests for Django models with test driven development. Gained experience in foreign work environment.

Intern: **Netaş Telecommunication Inc.** | Ankara | Turkey
2021 July - September   [3 months]

Technologies: Javascript, Node.JS, Gherkin, Cucumber.JS

Writing end-to-end tests for Export Compliance Screening System in Gherkin language, using Cucumber.JS API functions in Node.JS.

PROJECTS

Formula 1 Fantasy League: An online guessing game for Formula 1 developed in Python's Django framework which requires budget management and strategy skills, first and only one in Turkey, played by hundreds of people: https://formula1turkiye.pythonanywhere.com/
Formula 1 Elo Project: The analysis of 70 years of Formula 1 qualifying data using Python's Pandas library and Elo system, in order to rank the fastest drivers in history. https://tinyurl.com/formula1turkiye/pages/elo/#en
SPLENDID: Intelligent design system for the board game called Splendor, being developed through Django and Channels, it is a web application that can be played as multiplayer or against AI in real time. It uses a robust and modern authentication system and Elo rating system for ranking and fair matchmaking.
Flagsweeper: Multiplayer version of Minesweeper, written in Python's PyGame library.

EDUCATION

University:	**Middle East Technical University**	Ankara	Turkey
	COMPUTER ENGINEERING
	4th year, final semester student
	studies in English language
High School:	Gazi Anatolian High School

ACTIVITIES & HOBBIES

Interested in Formula 1 and other motorsports - their history and data analysis. Wrote many articles about Formula 1 on: http://turkf1.com   +   http://damalibayrak.com
METU Amateur Astronomy Society - management member, responsible for design and editorship of our website: http://gokyuzu.org
Guitar player and songwriter in the metal band "Cainodium", performed several times on stage.