

Doğancem Duran

Software Engineer in Training

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Summary

Senior computer engineering student at METU. Currently working on an on-prem RAG solution utilizing Langchain as my senior project.

Experience

DataBoss A.Ş.

Ankara(Remote)

Software Engineer Intern

09/2024 - 09/2024

- Dockerised a Kafka source&sink connector configurations
- Stress test an LLM API using the Locust library
- Rate monitor and limit a docker service using Traefik.io

Pyde Technologies

London(Remote)

Back-End Developer Intern

07/2024 - 08/2024

- Developed server-side of a CRUD app from scratch utilising technologies like Flask, MongoDB, Redis
- Set up a notification system using Google Firebase
- Responsible for the set-up and deployment of code and dependencies
- Wrote unit tests and dockerised the test environment

Middle East Technical University

Ankara(On-site)

Student Teaching Assistant

11/2023 - 02/2024

- Helped freshman students in the CENG240: Python for Engineers Labs

SNG Studios

Ankara(Hybrid)

Data Science&Machine Learning Intern

07/2023 - 08/2023

- Developed an internal tool to showcase data from Google Developers Console and Google Analytics utilising Python and Google APIs.
- Utilised an Information Set Monte Carlo Search Tree in Spades game.

Education

Middle East Technical University
Computer Engineering
CGPA: 3.90/4
Currently 6th out of 300 students

Ankara, TR
08/2020 - 06/2025

Obuda University
Computer Science
Exchange Semester
GPA: 4.84/5

Budapest, HU
02/2024 - 06/2024

Awards

Vakıfbank | Hack to the Future - Best User Experience Design 12/2024

- One of 14 chosen teams out of 225 teams applied. Won Best user experience design.
- Developed an on-prem application to preserve and access corporate memory utilizing LLMs, RAG & speech2text.
- Responsible for developing the back-end with FastAPI and MongoDB. Made the necessary connections with LLM using langgraph framework.

Engineering Challenge at Goldman Sachs | Warsaw-1st Place 01/2024

- Built an REST API utilising Python Flask library and connected it with Google APIs.
- Built a browser extension using Vanilla JS.

Languages

- English: C1 proficiency / IELTS: 7,5
- Turkish: Native