

Mert Dođramacı

Ankara, TURKEY

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Education

Hacettepe University

October 2019 - Present (Exp. 2023)

BACHELOR'S DEGREE IN COMPUTER SCIENCE

Overall GPA: 3.36/4

Senior year

Took and passed following technical electives: Data Intensive Applications, Information Security, Fundamentals of Machine Learning, Automata Theory and Formal Languages, Foundations of Blockchain, Fundamentals of Artificial Intelligence

Work Experience

Türkiye İş Bankası

March 2023 - Present

CLOUD COMPUTING AND PLATFORM ENGINEER

Ankara, Turkey (Remote)

- IT application development based on microservice architecture and cloud principles

Tübitak Bilgem YTE

August 2022 - September 2022

SOFTWARE ENGINEER INTERN

Ankara, Turkey (Remote)

- Attended the YTE Bootcamp that was about **Spring Boot, React, integration and unit testing, network basics, Hibernate/Persistence, Docker, Kubernetes, microservice architecture, PostgreSQL, Git, Linux, and Mockup Interface Design.**
- Built a Student Management System project using the given training in the bootcamp.

Jotform

June 2022 - August 2022

DATA SCIENCE INTERN

Ankara, Turkey (Remote)

- Built a Similar Form Search Tool using some **NLP** models (mainly used **Doc2vec** model).
- Used **300,000 unlabeled data** from Jotform database to train the model and done preprocess to it. Also, used **googletrans** framework of **Python**, and the **streamlit** framework was used to create an API for the demo.

Tuvis AI

June 2022 - August 2022

MACHINE LEARNING ENGINEER

Istanbul, Turkey (Remote)

- Built a **computer vision** system for Brain Spinal Cord Segmentation problem using U-Net and Mask R-CNN models. A ready-made dataset from the internet has been used.

June 2021 - October 2021

MACHINE LEARNING ENGINEER INTERN

Istanbul, Turkey (Remote)

- Built a **Python** program that reads scoreboards from game screenshots and outputs earned scores, the number of kills, deaths, assists etc. using the **OCR** technology. Then, wrote unit tests using **pytest**. Also, used **pylint** for coding standards. My implementation is now using as a part of discord bot. In this project, worked with a **foreign teammate.**
- Built a **machine learning** system for **visual anomaly detection** using **TensorFlow** and **NumPy**. First, trained different models such as **CNN** using TensorFlow, **SVM** using **scikit-learn** and **InceptionV3**, then found the best fit model. Finally, made **model deployment** using **FastAPI**.

Skills

Programming Languages: Java, Go, Python, C/C++, C#

Back-End Technologies: Spring Boot, Docker, .NET

Front-End Technologies: React, JavaScript, HTML, CSS

Databases: PostgreSQL, MySQL

Known AI-Related Topics: Machine Learning, Deep Learning, Computer Vision, Data Science

Others: Git, Data Structures, Algorithms, OOP, Diction, Academic Writing Skills in English

Projects

Student Management System

August 2022 - September 2022

FULL STACK DEVELOPER

LinkedHU_CENG

March 2022 - May 2022

FULL STACK DEVELOPER

Honors & Awards

Sep 2022 **635th**, ALES (Academic Personnel and Graduate Education Entrance Exam)

Turkey

Club & Association Memberships

inzva

August 2022 - November 2022

MACHINE LEARNING BOOTCAMP

- The program consists of three phases, started with the Deep Learning Study Group. Then, joined the TensorFlow Study Group, and completed the certification exam, so received a **TensorFlow Developers Certificate**. In the third and the final step of the program, successfully completed the **Kaggle challenges**. Attended opening meeting as broadcast management supporter. Also, mentored the other participants.

February 2022 - April 2022

DEEP LEARNING STUDY GROUP #8

- We studied the materials on **deeplearning.ai** by ourselves during the week and got together on a day to discuss them. In this study group, we got an opportunity to interact with other participants, community members, and guests to improve our knowledge of deep learning, apply it effectively, and build a career in AI.

September 2021 - April 2022

MENTEE

- The program aims to share experience and knowledge within the community by bringing inzva alumni and younger minds from the community together. My mentor was **Onur Boyar**, who is an AI Program Specialist in inzva and is currently working at the Nagoya Institute of Technology as a Machine Learning Researcher.

HUPROG

September 2021 - May 2022

SENIOR TEAM

- HUPROG is the first and only competitive programming contest of Hacettepe University. I worked on preparation of the programming contest **HUPROG'22** with my teammates. We prepared the junior election contest of this year and selected the new junior team through interviews. We taught various subjects, like **data structures** and **algorithms** to junior students. My teaching topic was **dynamic programming** and its most popular question types. I was also mentoring two juniors.

November 2020 - September 2021

JUNIOR TEAM

- In the HUPROG junior team, I had the chance to practice and work on various **data structures** and **algorithms** under the supervision of senior HUPROG members.
- Enrolled through being 14th out of 43 students.

Hacettepe University AI Club

March 2021 - February 2022

RESEARCH AND DEVELOPMENT TEAM

- Built a program which takes a pdf or an image file as an input and gives outputs which are about predictions about personality of a person.
- In the second year, I was **field staff at AI Fest** event and active member at **Education and Project Committee**.

Association for Computing Machinery (ACM) Hacettepe

December 2019 - July 2020

JUNIOR DATABASE DEVELOPER TEAM

- Worked on **NumPy** and **pandas** libraries of **Python**.