

Mert Doğramacı

Ankara, TURKEY

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Education

Hacettepe University

October 2019 - Present (Exp. 2023)

BACHELOR'S DEGREE IN COMPUTER ENGINEERING

Overall GPA: 3.30/4

Senior year

Took and passed following technical electives: Fundamentals of Machine Learning, Data Intensive Applications, Foundations of Blockchain, Fundamentals of Artificial Intelligence

Work Experience

Jotform

June 2022 - Present

DATA SCIENCE INTERN

Ankara, Turkey (Remote)

- Working under the supervision of **Sefa Akbulut**.

Hacettepe University

February 2022 - Present

UNDERGRADUATE STUDENT RESEARCHER

Ankara, Turkey

- Working under the supervision of Assoc. Prof. Dr. **Nazlı İKİZLER CİNBİŞ**.
- Project: **Self-Supervised Learning Methods for Image Recognition**

Self-supervised learning is a recent paradigm that is becoming increasingly popular for learning recognition models without the need for annotations. In this project, the aim is to explore the benchmark methods used in self-supervision and apply these to image recognition problems. At the end of the project, I will get familiar with the recent self-supervised learning techniques used for image recognition.

Tuvis AI

June 2021 - October 2021

MACHINE LEARNING ENGINEER INTERN

Istanbul, Turkey (Remote)

- Built a **Python** program that reads scoreboards from screenshots and outputs earned scores, the number of kills, deaths, assists etc. 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 pretrained **InceptionV3** model, then found the best fit model. Finally, made **model deployment** using **FastAPI**.

Skills

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

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

Back-End Technologies: SQL, ASP.NET

Front-End Technologies: HTML, CSS, JavaScript

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

Projects

(You can visit my GitHub account from [here](#) to see all of my projects.)

Face Reading and Personality Predicting

March 2021 - June 2021

[HTTPS://GITHUB.COM/MERTDOGRAMACI/COMPUTER-VISION-USING-DLIB](https://github.com/mertdogramaci/computer-vision-using-dlib)

- The program takes a pdf or image file as an input and gives outputs which are predictions about personality of a person. We used **dlib**, **cv2** and **fitz** libraries of **Python**. You can see some code that I used for practicing from the link. I am not able to share full code of the project because of the ethical issues.

Personal Website

November 2020

[HTTPS://GITHUB.COM/MERTDOGRAMACI/MERTDOGRAMACI.GITHUB.IO](https://github.com/mertdogramaci/mertdogramaci.github.io)

- Developing personal website using **HTML**, **CSS** and **JavaScript**. Learning web development and doing practice while making it.

Club & Association Memberships

inzva

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.

MENTEE

- The program aims to share experience and knowledge within the community by bringing inzva alumni and younger minds from the community together. We also shared our experience and knowledge with the mentees. I had the opportunity to meet new and nice people in this program.
- 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

- 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

- HUPROG is the first and only competitive programming contest of Hacettepe University. 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.
- I was enrolled here through being 14th out of 43 students.

Hacettepe University AI Club

March 2021 - February 2022

RESEARCH AND DEVELOPMENT TEAM

- Worked with over than 15 people as a 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. I worked on writing the beginning part of the project and combining the codes of the people in the main code.
- In the second year, I was **field staff at AI Fest** event.

Association for Computing Machinery (ACM) Hacettepe

December 2019 - July 2020

JUNIOR DATABASE DEVELOPER TEAM

- Worked with 24 people. We had been working on **NumPy** and **pandas** libraries of **Python**.