

# Mert Doğramacı

Ankara, TURKEY

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## Education

### Hacettepe University

October 2019 - Present (Exp. 2023)

BACHELOR'S DEGREE IN COMPUTER ENGINEERING

Overall GPA: 3.34/4

Junior year

Took and passed following technical electives: Fundamentals of Machine Learning, Foundations of Blockchain

## Work Experience

### Hacettepe University

February 2022 - Present

UNDERGRADUATE STUDENT RESEARCHER

Ankara, Turkey

- Working under the supervision of Assoc. Prof. Dr. **Nazlı İKİZLER CİNBIŞ**.
- 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, the student 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++

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

**Back-End Technologies:** SQL

**Libraries:** TensorFlow, scikit-learn, FastAPI

**Others:** Machine Learning, Deep Learning, Git, Data Structures, Algorithms, Diction

## 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 - Present

DEEP LEARNING STUDY GROUP #8

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

September 2021 - Present

MENTEE

- The program aims to share experience and knowledge within the community by bringing inzva alumni and younger minds of the community together. We also share our experience and knowledge within the mentees. I had opportunity to meet new nice people in this program.
- My mentor is **Onur Boyar** who is AI Program Specialist in inzva and currently working at Nagoya institute of Technology as Machine Learning Researcher.

## HUPROG

*September 2021 - Present*

### SENIOR TEAM

- I am currently working on programming contest of this year which is **HUPROG'22** with my teammates. We prepared junior election contest of this year and selected new junior team with interviews. We are teaching various subjects like **data structures** and **algorithms** to junior students. Also, I'm mentoring two of 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. We were working under the supervision of Emre Yazıcı.
- 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**.