Mert **Doğramacı**

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Education

Hacettepe University   *October 2019 - Present*

BACHELOR'S DEGREE IN COMPUTER SCIENCE   *Overall GPA: 3.30/4*

Junior year

Work Experience

Tuvis AI   *June 2021 - Present*

MACHINE LEARNING ENGINEER INTERN   *İstanbul, Turkey (Remote)*

- For the first project, built an **OCR** system that reads the given images of scoreboards using **Python**. After coding phase ended, wrote unit tests using **pytest**. Also used **pylint** for coding standards.
- For the first project, worked with a foreign student teammate. For the both project, worked under the supervision of my supervisors.
- For the second project, built a **machine learning** system for surface anomaly detection **from beginning to end**. First, made **data preprocessing** like splitting to train - test, batching and resizing. Then, wrote **cnn**, **svm** using **sklearn**, **cnn+svm** mixed model and **pretrained inception** models using **TensorFlow** and **NumPy**. After that, made **model deployment** using **FastAPI**. Finally, set up a **pipeline** system.

Skills

Programming Languages: Python, Java, C++

Frontend Technologies: HTML, CSS, JavaScript

Libraries: TensorFlow, FastAPI

Others: Machine Learning Concepts, OOP, Data Structures, Algorithms, Diction, Deep Learning, Git

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

- The program takes a .pdf or an 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 the code that I'm in charge of from the link.

Personal Website   *November 2020*

MERTDOGRAMACI.GITHUB.IO/

- I'm trying to develop my personal website using **HTML**, **CSS** and **JavaScript**. I am learning web development and making practice while making it.

Club & Association Memberships

HUPROG   *September 2021 - Present*

SENIOR TEAM

- I will be working on this year's programming contest which is HUPROG'22, preparing junior election contest and teaching certain subjects like **data structures** and **algorithms** to the new junior students with my senior teammates.

                                                                                                        November 2020 - September 2021

JUNIOR TEAM

- HUPROG is the first and only competitive programming contest of Hacettepe University. In the HUPROG junior team, I've 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 - Present*

RESEARCH AND DEVELOPMENT TEAM

- We are working with over than 15 people as a team. We 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 are working under the supervision of Emre Yazıcı.
- Hacettepe Teknokent said that they will support our projects.

Association for Computing Machinery (ACM) Hacettepe   *December 2019 - July 2020*

JUNIOR DATABASE DEVELOPER TEAM

- I was working with 24 people (mostly from our department).
- We had been working on **NumPy** and **pandas** libraries of **Python**.