Mert **Doğramacı**

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

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. Used **googletrans** framework of **Python** to translate the forms.
- The **streamlit** framework was used to create an API for the demo.

Tuvis AI	*June 2022 - August 2022*
MACHINE LEARNING ENGINEER	*İstanbul, Turkey (Remote)*

- Built a **computer vision** system for Brain Spinal Cord Segmentation problem using UNet and Mask R CNN model

	June 2021 - October 2021
MACHINE LEARNING ENGINEER INTERN	*İstanbul, Turkey (Remote)*

- Built a **Python** program that reads scoreboards from game 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 **InceptionV3**, then found the best fit model. Finally, made **model deployment** using **FastAPI**.

Skills

Programming Languages:	Java, Go, Python, C/C++
Back-End Technologies:	Spring Boot, Docker, .NET
Front-End Technologies:	React, JavaScript, HTML, CSS
Databases:	PostgreSQL
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 - Present*
MACHINE LEARNING BOOTCAMP	

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.
- I was enrolled here 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**.