

Hasan Ocak

JUNIOR COMPUTER SCIENCE STUDENT · SABANCI UNIVERSITY

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Work Experience

Sabancı University

Tuzla, Istanbul

Learning Assistant at Data Science Course

Oct 2020 - Present

- Learning Assistant at Introduction to Data Science (CS 210)
- Helped students with their data science related problems

Sabancı University

Tuzla, Istanbul

Researcher in PURE Program

Oct 2020 - Nov 2020

- Working on COVID-19 Dataset about hospitalization of COVID 19 positive patients
- Used machine learning models to perform classification

CBOT

Remote Intern

Machine Learning Intern

July 2020 - Aug. 20

- Worked on some Machine Learning applications such as preparing dataset for face detection
- Prepared a web platform where users can upload images from two different classes to perform a binary image classification

Sabancı University

Tuzla, Istanbul

Learning Assistant for Calculus

Sept. 2019 - Jan 2020

- Taught MATH 102 (Calculus 2) to freshman students every week
- Organized recitation hours

Education

SABANCI UNIVERSITY

Tuzla, Istanbul

B.S. in Computer Science and Engineering - GPA (3.86)

Sept. 2017 - Present

- Got a Full Scholarship

Projects

Full-Stack Forum Application

<https://secret-mountain-27821.herokuapp.com/>

- Build a full-stack forum web application with **MongoDB Express React** and **Node.js**
- Taught myself how to do user authentication with **JWT** and handling database with **MongoDB**

Github Profile Preview Web App

<https://ocakhasan.github.io/github-preview/>

- Developed a web application which shows users profile previews with **React**

Movie Recommendation App

<https://banafilmoner.herokuapp.com/>

- Developed a movie recommendation based on text similarity web app with **Flask**
- Used **Flask** for Web Development and **Scikit-Learn** for text similarity

Airbnb Price Prediction Web App

<https://airbnb-prediction-app.herokuapp.com/>

- Developed a full stack web app with machine learning model by using **Python, Flask** and **Heroku**
- Learned how to deploy machine learning models to production

Android News App

<https://github.com/ocakhasan/News-App>

- Developed online news application in **Android** for school project
- Used **Dynamic UI** with the data from **RESTFUL API**

Simple Text Classification on Eksi Sozluk Dataset

<https://github.com/ocakhasan/text-classification>

- Created a **Web Scraper** with **Python** to fetch data from Eksi Sozluk
- Labeled the scraped data and trained a neural network with Embeddings using **Tensorflow**

Skills

Software: Python, C++, Java, Javascript, HTML, CSS

Technologies: Flask, Android, Node.js, Express, React, MySQL, Git/Github, CLI, Kaggle

Databases: MongoDB