Hasan **Ocak**

JUNIOR COMPUTER SCIENCE STUDENT · SABANCI UNIVERSITY

Darıca, Kocaeli

☐ (+90) 539-695-5403 | ✉ ocakhasan@sabanciuniv.edu | ⌂ ocakhasan.github.io/ | ⌾ ocakhasan | ⬛ ocakhasan

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*
- Teached 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 (3.83)   *Sept. 2017 - Present*
- Got a Full Scholarship

Projects

Movie Recommendation App

HTTPS://BANAFILMONER.HEROKUAPP.COM/
- Recommends movie by based on the text similarities
- Used **Flask** for Web Development and **Scikit-Learn** for text similarity

Airbnb Price Prediction Web App

HTTPS://AIRBNB-PREDICTION-APP.HEROKUAPP.COM/
- The main goal is price prediction for Airbnb rents in New York City after determining which features have an effect on price
- Trained neural network model with **Tensorflow** and **Keras**
- Used **Python**, **Flask**, **Heroku**, **HTML** and **SAAS**.
- Notebook is available at https://www.kaggle.com/ocakhsn/airbnb-price-prediction-multiple-datasets

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 Eksı Sozluk Dataset

HTTPS://GITHUB.COM/OCAKHASAN/TEXT-CLASSIFICATION
- Created a **Web Scraper** with **Python** to apply on Ekşi Sözlük
- Labeled the scraped data and trained a neural network with Embeddings using **Tensorflow**
- Achieved 80 percent accuracy

Skills

Languages: English: Professional, Turkish: Mother Tongue, German: Elementary

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

Technologies: Flask, Android, Tensorflow, Scikit-Learn, Pandas, Node.js, React, MySQL, Git/Github, CLI, Kaggle