Hasan Ocak

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🎓 Education

Sabancı University
BS Computer Science and Engineering GPA:3.78

2017 – 2022
Tuzla, Istanbul

◔ Experience

Sabancı University
Learning Assistant for Calculus

Sept 2019 – Jan 2020
Tuzla, Istanbul

> Teached MATH 102 (Calculus 2) to freshman students every week.
> Organized recitation hours

Sabancı University
Researcher in PURE Program

June 2019 – Aug. 2019
Tuzla, Istanbul

> Worked in deep learning image segmentation task.
> Analyzed the trained model and compared the performances.
> Gained an insight for deep learning and understood the basic concepts.

⚗ Projects

Airbnb Price Prediction Web App

> The main goal is price prediction for Airbnb rents in New York City after determining which features have an effect on price.
> Trained model with neural networks by TensorFlow and Keras.
> Deployed trained model on Heroku (https://airbnb-prediction-app.herokuapp.com/) .
> Used Python, Flask, Heroku, Html and SASS.
> Notebook is available at https://www.kaggle.com/ocakhsn/airbnb-price-prediction-multiple-datasets

Blog Website

> Created a blog website using Python Django framework.
> Planning to share Turkish writings about Software Engineering.
> Deployed with Heroku. It can be checked in https://myawesomeblogsite.herokuapp.com/

Simple Text Classification on Eksı Sozluk Dataset

> Tried to predict which category(Sports, Politics etc.) an entry fits in.
> Created a dataset and trained the model.
> Achieved 60 percent accuracy.

⚙ Skills

Programming Languages   Python, Java, C++, HTML/CSS
Technologies   Django, Git, MySQL, Android, Data Science Libraries
Languages   English: Professional, Turkish: Mother Tounge, German: Elementary
Interests   Data Science, Web Programming, Game Development, Mathematics, Chess

◔ Extracurricular Activities

Civil Involvement In Elementary School

> Teached various topics(spaces, sports etc) to 3rd grade students.
> Gained team work experience.