SUKRU HAN SAHIN

Data Science Student

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ABOUT

An ambitious M.Sc. student in Applied Mathematics and Computer Science, interested in data science. Right now working as a data science intern. Open for full-time jobs after graduation in June, 2021.

EXPERIENCE

Data Science Intern
Novo Nordisk

Manufacturing Intelligence: Counting number of people via using/creating models for Multi-object Detection & Tracking and Pose Estimation.

📅 September 2020 – Ongoing   ⚲ Hillerød, Denmark

Supply Chain Analytics: Creating a product for the optimization process of purchasing raw materials.

📅 February 2020 – August 2020   ⚲ Bagsværd, Denmark

Data Science Intern (Bachelor's Thesis)
Procter & Gamble

Predicting conversion rate of consumers who live in U.S.A. and uses P&G reward application.

📅 January 2019 – June 2019   ⚲ Istanbul, Turkey

Optimization Analyst
Mosek ApS

Developing convex optimization models for Portfolio Optimization and Flow Interdiction problems in Python and Mosek Fusion API environment.

📅 March 2018 – July 2018   ⚲ Copenhagen, Denmark

EDUCATION

M.Sc. Human-Centered Artificial Intelligence
Technical University of Denmark

📅 August 2019 – June 2021   ⚲ Lyngby, Denmark

B.Sc. Industrial Engineering
Bogazici University
Thesis: *Predicting Conversion Rate of An FMCG Company's Users for Online Marketing Incentives*
3.18/4.00 – Honors Degree

📅 September 2015 – June 2019 ⚲ Istanbul, Turkey

PROJECTS

</> Detecting The Odd-One-Out Among Words With Embeddings
Comparing the performance of different word-embedding models in order to detect the outlier within a small group of words.
- Python, Gensim, FastText, SPARQLWrapper, Sklearn, Wembedder

github.com/SukruHan/AdvancedMachineLearning

</> Time Series Analysis for Sales Data
Statistical analysis and Time Series models application on Sales Data. Prediction for next window is created.
- Python, Statsmodels, Pmdarima, Scipy

github.com/SukruHan/Time_Series_Analysis

</> Game of Throne Analysis
Network Analysis, Community Detection is executed for characters and houses of show. Text and Sentiment Analysis is conducted with Twitter data.
- Python, Nltk, Wordcloud, Networkx

github.com/SukruHan/simonpetersen.github.io

</> Predicting Ozone Level
Data exploration, visualization and machine learning models application for LA Ozone data.
- Python, Sklearn, Seaborn, Torch

github.com/SukruHan/Introduction_to_Machine_Learning

</> Deep Learning for Popular Datasets
Various deep learning models (FFNN, CNN, RNN, AutoEncoders, Q-Learning for RL) are practiced for different popular datasets.
- Python, Torch, Math, Scipy

github.com/SukruHan/Deep_Learning

</> COVID-19 Analysis & Comparison with Previous Pandemics
Visualizing virus spreads and effects, Predicting future cases.
- Python, Bokeh, Folium, Geopy, Sklearn,

github.com/SukruHan/SocialDataFinalProject

SKILL SET

Data Science   ●●●●●○
Python   ●●●●○○
C++   ●●●●○○
OOP   ●●●●●○

SCORES & HONORS

- TEV Garring Foundation Scholarship
- Deloitte Educational Foundation Scholarship
- IELTS