

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

Thesis: Deep Learning for Image Localization with Drone-based Footage

📅 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
3.16/4.00 – 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++, C#



Object-Oriented Progr.



SCORES & HONORS

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