

# SUKRU HAN SAHIN

Data Science Student

@ [sukruhansahin@gmail.com](mailto:sukruhansahin@gmail.com)

+45 50 23 42 59

Lyngby, Denmark

in <https://www.linkedin.com/in/sukruhansahin/>

<https://github.com/SukruHan>



## 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 2019 – Ongoing

Hillerød, Denmark

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

February 2019 – August 2019

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](https://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](https://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](https://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](https://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](https://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](https://github.com/SukruHan/SocialDataFinalProject)

## SKILL SET

Data Science



Python



C++



OOP



## SCORES & HONORS

- TEV Garring Foundation Scholarship

- Deloitte Educational Foundation Scholarship

- IELTS