DIAR SABRI

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EXPERIENCE

Data Analyst
Söderberg & Partners

📅 Mar 2019 – Present ♦ Stockholm, Sweden

- Providing the organization with valuable insights based on data
- BI, problem solving, data modeling, automation, digitalization etc.
- Tools: SQL, Power BI, Excel

Data Science Internship
Scania

📅 June 2018 – August 2018 ♦ Södertälje, Sweden

- Spent the summer at a Business Intelligence department working with data manipulation and data analysis
- Tools: R, SQL, Excel

EDUCATION

Master of Science in Engineering, Degree Programme in Computer Science and Engineering
KTH Royal Institute of Technology

📅 August 2016 – June 2021

- M. Sc. in Industrial Management 2019 – 2021
  - Machine Learning Track (50% ML, 50% IM)
- B. Sc. in Computer Science 2016 – 2019

PROJECTS

Internal Research Project - NLP study for financial analyst reports
SEB

📅 Sep 2020 – Jan 2021 (ongoing)

- Note: Project still at the outset.
- Implementing machine learning and state-of-the-art NLP-frameworks on real data in cooperation with data scientists and analysts at SEB. **Tools:** Python, Tensorflow, Google Cloud Platform (BigQuery) & more.
- By combining neural-network language processing and generative statistical modeling the goal is to analyze financial reports and extract information from the unstructured textual data such as sentiments, market indicators, company descriptions etc.

Internal Work Project
Söderberg & Partners

📅 Oct 2019 – Jan 2020

- Built an extensive system in Power BI from the ground up. The system currently stands as the base of our investment towards a data-driven culture. The system has been duplicated in other business areas due to the appreciation and success of our system.
- The system provides relevant business information & data to all advisors (**250+**) and managers.
- The project included comprehensive data modeling, quantitative analyses, testing and development in both SQL and Power-BI.

Bachelor of Science thesis (link)
KTH Royal Institute of Technology

📅 January 2019 – June 2019

Quantitative NLP-study of the geographical spread and growth of tweets regarding different news categories. Confined to tweets in the U.S on five self-established categories. Coding mostly in R & some Python, using the Twitter API as a data source.

Audioguide Application (link)
Stockholm City Museum

📅 January 2018 – June 2018

Application development in React Native together with a project group. Developed an audiguide for the museum for their visitors to use while in the museum. Open source, with the intention that other museums in Sweden use the app as well. Currently in operation by Nordiska Museet, used by over **65000** visitors in 2019. Jamtli museum is set to integrate the app as well in 2020.

KNOWLEDGE

Languages: Java, SQL, Python, R. Base knowledge in JavaScript, C **Software:** MSSQL, Git, Intellij, Matlab, Microsoft Office, Power BI
Natural Languages: Swedish (academic), English (academic) **Math:** Discrete, Linear Algebra, Calculus, Statistics, Numerical Analysis
Computer Science: Databases, Paradigms, Algorithms, Data structures, Complexity, Machine Learning, Data Science