Theodor Emanuelsson

CONTACT

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Stockholm

EDUCATION

MSc Statistics & Machine Learning
Linköping University
2021 - 2023

BSc Statistics
Lund University
2018 - 2021

BSc Politics & Economics
Lund University
2014 - 2019

TECH

- Python
- SQL
- Google Cloud Platform
- Snowflake
- PyTorch
- Databases

WORK EXPERIENCE

Data Engineer — Jun 2024 - Current

Einride I Stockholm

Key Technologies: SQL, dbt, BigQuery, GCP, data mesh

Data Engineer — Sept 2023 - May 2024

Solita I Stockholm

Currently working on migrating from a legacy ETL and BI tool to dbt on Snowflake for the Swedish divison of an international company.

Key Technologies: Azure Data Factory, dbt, Snowflake, Terraform

Master Thesis Student — Jan 2023 - Jun 2023

RISE I Linköping

Performed master thesis project in collaboration with RISE and AI Sweden. The project focused on the development of a multispectral camera API and accompanying deep learning models for cleaning robots within the food processing industry.

Key Technologies: Python, PyTorch, Docker, Flask, Linux, Git.

Driverless Developer — Sept 2022 - Jun 2023

LiU Formula Studnet I Linköping

Worked with the development environment and computer vision for a self-driving student Formula car. Built the Docker container stack used for both development and for the embedded system. Took a leading role on developing the object detection system.

Key Technologies: Python, ROS, OpenCV, PyTorch, Linux, Git.

Techincal Intern — Jun 2022 - Aug 2022

Ad Terra Energy I Geneva

Developed data pipelines and predictive modelling using NASA satellite data. Implemented a solution which processed a significantly larger part of the available data and improved the predictive performance using a neural network to within 10% of true measurements.

Key Technologies: Python, PostgreSQL, Apache Spark, Dask, PyTorch, R, Git.

Project Assistant — Apr 2020 - Nov 2021

Faculty of Engineering, Lund University I Lund

Performed structural equation modelling and data visualization for a research project in collaboration with Handelsrådet. In addition, co-authored an academic report on the trust of Swedish consumer data collection practices.

CERTIFICATIONS

- Snowflake SnoPro Core
- Azure Data Fundamentals
- dbt Fundamentals