Jesse Haenen

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Education

- **University of Amsterdam** — Amsterdam, The Netherlands
  Master of Science in Data Science — *Aug. 2018 – Aug. 2019*
  - **Internship:** Data Science internship at Company.info

- **University of Amsterdam** — Amsterdam, The Netherlands
  Bachelor of Political Science — *Aug. 2013 – Jul. 2018*
  - **Erasmus Exchange - Politics:** Erasmus exchange at the Social Sciences faculty, University of Manchester.
  - **Data Science & AI:** Full-time minor with hands-on approach in Python programming and carrying out Data Science projects.
  - **Programming (minor):** Computer Science and programming minor following Harvard University's CS50 course, teaching algorithmic thinking and familiarity in a number of programming languages.

Experience

- **TIP Trailer Services** — Amsterdam, The Netherlands
  Data Scientist / BI Developer — *Dec. 2019 - current*
  - **Data Engineering:** Responsible for the development of database schemas, data models and ETL pipelines. Deployed Restful API's for backend integration with custom reporting visuals. My last project was a proof of concept for live data reporting using tabular model storage in Azure Analysis Services. Tech stack: MSSQL, Azure Data Factory, Azure Functions, Azure Analysis Services, PowerBI.
  - **Mileage reporting:** Designed and developed data models and dashboards for the monitoring of fleet mileage over the entire TIP fleet. Oversaw the integration of telemetry data into BI reporting during the business' transition to PowerBI as a BI tool. Responsible for driving data quality in crucial data fields with ad-hoc data analysis and control reports.

- **Xomnia** — Amsterdam, The Netherlands
  Junior Data Scientist — *Sep. 2019 - Dec. 2020*
  - **Junior Development Program:** One-year traineeship program, receiving weekly training sessions in developing Machine Learning algorithms from scratch, SQL, Natural Language Processing, Deep Learning, Bayesian Statistics and model deployment using Restful API's, Docker and Kubernetes.

- **Company.info (FD Mediagroep)** — Amsterdam, The Netherlands
  Data Science Intern — *Mar. 2019 - Jul. 2019*
  - **Graduation project:** Part of an agile Data Science team working on my graduation project of user type classification and clustering with user flow (Google Analytics), as well as other analytic tasks.

Skills

- **Programming languages:** Python (scikit-learn, pandas, NumPy, Matplotlib, TensorFlow, PyTorch), SQL, R.

- **Technologies & platforms:** Git, Azure (Data Factory, Devops, Machine Learning), Docker, PowerBI, Tableau, Spark.

Other Projects

- **Questionmark sustainability label image classification:** At Xomnia, our traineeship team developed an object detection algorithm for sustainability non-profit Questionmark that detects sustainability labels on food products using YoloV3.