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 C++, JavaScript, Python and algorithmic thinking.

EXPERIENCE

- **TIP Trailer Services** — Amsterdam, The Netherlands
  Data Scientist — *Dec. 2019 - current*
    - **Data Engineering:** Responsible for the development of ETL pipelines and data models in Azure Data Factory. Deployed Restful API's for backend integration with custom reporting visuals.
    - **Mileage prediction:** Deployed a regression model to predict fleet mileage, deployed as a web service using Azure ML. Oversaw the integration of telemetry data into BI reporting during the business' transition to PowerBI as a BI tool.

- **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 behaviour type classification and clustering with user flow data (Google Analytics), as well as other ad-hoc analytic tasks.

SKILLS

- **Programming languages:** Fluent in Python (pandas, scikit-learn, matplotlib, Keras, PyTorch, TensorFlow among others) and SQL. I dabble in Javascript and it's latest Jamstack offshoots (React, Next.js).

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

OTHER PROJECTS

- **Questionmark sustainability label image classification:** At Xomnia, developed an object detection model for sustainability non-profit Questionmark that detects sustainability labels on food packaging using YoloV3 and PyTorch.