REBECCA DAVIDSSON

rebeccadavidsson3@gmail.com

3 06-11220444

Hilversum, Netherlands

rebeccadavidsson.github.io/cv/

EXPERIENCE

Intern Advanced Analytics

Avanade

November 2020 - June 2021

Utrecht

Analysis and comparison of machine learning- and mathematical models, applicable to Covid-19 data: thesisproject.app. Grade: 9. Tools: Python, Tensorflow, Pandas, Plotly, React, PowerBI.

Junior Frontend Developer

House Of Tracks

- **May 2020 May 2021**
- Zaandam
- For the music company SetFreaks, a new website was created in React, where I mainly focused on frontend development. The job included building a music player, setting up the entire redux store, critical thinking about the design and creating animations in JavaScript.
- The music marketplace House Of Tracks launched a new website. I was
 responsible for a great part of the mobile version and responsiveness.
 Furthermore, I added new pages and optimized the code of the existing
 website.

Teaching Assistant

University of Amsterdam

- **September 2019 Nov. 2020**
- Amsterdam
- TA at the course Requirements Engineering at the master Software Engineering.
- Teaching programming courses at the UvA covering C, Python and JavaScript
 at the minor programming. Courses taught are the CS50(x) course, Webapps, Databases and webprogramming and a programming-project.
 Responsibilities included tutoring students, grading assignments and
 working on small programming tasks for the course website and grading
 functions.

OTHER ACTIVITIES

Research Intern

University Medical Center Utrecht

February 2019 - June 2019

Utrecht

A project about Brain-Computer Interfaces (BCI), included creating models to predict the outcome of certain features measured by BCIs. This project required programming in Matlab and R-studio.

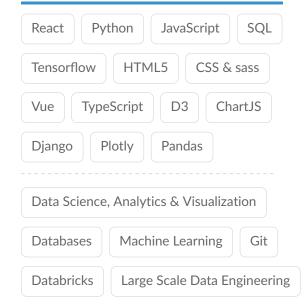
Stationslab Utrecht Central Station

September - October 2018

Utrecht

Research into improving navigation through and around Utrecht station in collaboration with the NS, University of Amsterdam and Prorail. This project required setting up experiments with a team of students which also included programming in Matlab.

SKILLS



LANGUAGES

Dutch English Swedish



EDUCATION

M.S. in Computational Science

University of Amsterdam

- **Sept 2019 June 2021**
- Thesis project: Machine Learning and Mathematical Models
- Machine Learning
- Data Mining Techniques
- Scientific Visualization
- Large Scale Data Engineering
- Numerical Algorithms
- Evolutionary Computing
- Complex Systems
- Distributed Algorithms

B.S. in Cognitive Neuroscience

University of Amsterdam

- **Sept 2016 June 2019**
- Programming in Matlab
- · Calculus for Biology
- Academic Skills & Scientific Writing

PROJECTS

Greentech Hackathon

Vandebron

Challenge to develop Electric Vehicles (EV) pool management and forecast number of EVs charging at a given moment in the future. With a team, we reached first place in the hackathon, using timeseries forecasting to get to our solution.

Avanade Programming Contest

Avanade

Together with a team, we reached first place in Avanade's world programming contest.

OTHER COURSES

• Udemy: React Complete Guide

• Microsoft: Azure Al Fundamentals

• Python: Advanced Design Patterns

• Angular: Build Large Applications

• React: SSR