REBECCA DAVIDSSON

Master Student Computational Science

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EXPERIENCE

Junior Frontend Developer
House Of Tracks

📅 May 2020 - Present   📍 Zaandam

- For the music company SetFreaks, a new website was created in React, where I mainly focused on frontend development. The job also included building a music player in React, 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 making the website responsive. Furthermore, I added new pages and optimized the code of the existing website.

Teaching Assistant
University of Amsterdam

📅 September 2019 – November 202📍 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

Intern Advanced Analytics
Avanade

📅 Novemver 2020 – June 2021   📍 Utrecht

Analysis and comparison of machine learning- and mathematical models, applicable to Covid-19 data.

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.
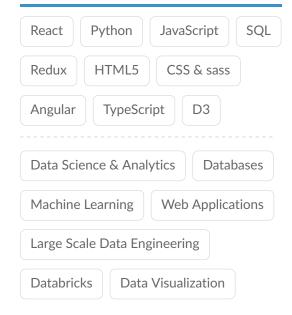
Stationslab Utrecht Central Station

📅 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

React   Python   JavaScript   SQL

Redux   HTML5   CSS & sass

Angular   TypeScript   D3

Data Science & Analytics   Databases

Machine Learning   Web Applications

Large Scale Data Engineering

Databricks   Data Visualization

LANGUAGES

Dutch   ●●●●●
English   ●●●●○
Swedish   ●●○○○

EDUCATION

M.S. in Computational Science
University of Amsterdam

📅 Sept 2019 – Present

- Machine Learning
- Data Mining
- Large Scale Data Engineering
- Numerical Algorithms
- Scientific Visualization
- 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