Richard Oosterlaken
Software & Web Developer

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📑 Skills

Python: Flask, NLTK, Word2Vec, TensorFlow
JavaScript: React, Angular, AngularJS, Node.js
Java: Spring, Spring Boot, Drools
Devops: CI & CD Scripting, Docker, DigitalOcean, AWS

🗄 Work Experience

Develop Diverse
Freelance Front-end   Jan 2020 – Now

- Added multiple pages and new functionality to the dashboard.
- Reworked core functionality of the bias detection editor.
- Continuous refactoring and clean-up of old code.

EasterBlanket Development
Freelancer   Dec 2019 – Now

- Prototyped an Amazon Alexa skill that provides a quick access voice interface to Quyntess's software.
- Longer-term development at Develop Diverse.

Jibia
Full Stack Developer   Oct 2018 – Aug 2019

- Designed and created multiple Flask API's for our API network.
- Contributed to the overall system architecture design.
- Led the development of two React dashboards and a shared component library.
- Trained another developer in using React and Git workflow.
- Setup several Docker containers and got into continuous integration and deployment.

PeopleScience
Developer & Co-founder   Jul 2015 – Nov 2018

- Developed a clustering algorithm that made the most optimal teams for any task, driven by text analysis with Word2Vec.
- Wrote the clustering API in Flask, later porting the REST functionality to a Drools-driven Java Spring Boot implementation.
- Made several AngularJS applications for demonstrating API capabilities.

🎓 Education

Artificial Intelligence   2012 – 2018
Utrecht University

During my studies, I mainly focused on courses related to computer science. For my thesis, I wrote a custom classification algorithm based on the Levenshtein Distance.

I was active in our study association, U.S.C.K.I. Incognito. As a member of several commissions I mainly organized talks from alumni, professors, etc.

⭐ Achievements

Junction Hackathon   Nov 2019

Participated in Junction 2019 in Helsinki, getting second place in the community popularity vote.

We created an AI-based Crowd Control in our concept application "PocketPark". This would improve the experiences of both visitors and management of Finland's national parks.

Xomnia Hackathons   2016 – 2018

Participated multiple in Xomnia hackathons. We won the first prize in 2017 (Police Security Monitor) and the second prize in 2016 (Sustainable Fishing).