

Richard Oosterlaken

Software & Web Developer

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🌐 <https://oosterlaken.dev/>

📖 Skills

Java: [Spring](#), [Spring Boot](#), [Drools](#)

Python: [Flask](#), [NLTK](#), [Word2Vec](#), [TensorFlow](#)

JavaScript: [React](#), [Svelte](#), [Angular](#), [AngularJS](#), [Node.js](#)

Devops: [CI & CD Scripting](#), [Docker](#), [DigitalOcean](#), [AWS](#)

Other: [Blender](#), [Photoshop](#), [Unity](#), [Illustrator](#)

🏢 Work Experience

EasterBlanket Development **Freelancer**

Dec 2019 – Now

- Prototyped an Amazon Alexa skill that provides a quick access voice interface to Quyntess's software.
- Continued development of DevelopDiverse's Angular dashboard.

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.
- Setup several Docker containers and got into continuous integration and deployment configuration.

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 **Utrecht University**

2012 – 2018

During my studies, I mainly focused on courses related to computer science. For my thesis, I wrote a custom classification algorithm based on the Levensthein 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, scoring second place in the community popularity vote.

We applied AI-based Crowd Control in our concept application "PocketPark" to 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).