Lorenz van Herwaarden
Software Engineer

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Profile

I'm focused on Frontend Engineering with a big interest in complex projects and creating great customer experiences. I acquired broad technical and analytical skills through Computer Science Engineering studies, where my mentality to strive for quality was also nurtured. I learned to work and communicate efficiently in Software Engineering teams through various past experiences. I'm very eager to learn and have a no-nonsense mentality.

My other interests in Computer Science lie in Data Engineering, App Development, and Machine Learning.

Experiences

Software Engineer - Qlik

Nov 2020 - Present

- Frontend lead of Qlik Application Automation
- Split up frontend of our monolith in to a Micro Frontend and a Component Library
- Redesigned Automations rendering from HTML elements to using the Canvas API
- Added browser testing and improved CI/CD and release process

Frontend Engineer - Blendr.io (acquired by Qlik)

April 2020 - Oct 2020

- Lead total redesign of the platform, including white-labeling solution
- Implemented new drag-and-drop experience for blocks
- Refactored and redesigned connection flow

Frontend Engineer - Deloitte Digital

Sept 2018 - March 2020

- Frontend Tech Lead on www.lez.brussels - website combining content, requests and simulation tools for the Low Emission Zone in Brussels
- Frontend Engineer on www.MyTax.brussels - big digital transformation project for property tax in Brussels

Co-founder & iOS Engineer - Moovle

Jun 2017 - Jun 2018

- Moovle was a football matchmaking app that helps you find football games, teams & players in your city

- Responsible for native iOS development, UI design, and deployment to Google Play Store and Apple App Store
- Assisted in Android development, integration with Firebase, and UI design

Machine Learning Intern - Sharda University
Jul 2017 - Aug 2017
- IAESTE internship
- Researched low-cost face clustering with neural network features.

Data Engineering Intern - Rombit
Jul 2016 - Aug 2016
- Built a system for aggregating relevant logging data of the A*Sign platform using PHP and Redis
- Visualised and analysed data of the A*Sign platform using Logstash, Elasticsearch, Kibana and Docker

Web Designer - Château de Peyrolles
Jul 2008, Dec 2016, Jul 2019
- Designed and created website for rental of gîtes in the South of France: www.chateaudepeyrolles.com
- Made 2 significant updates to the website: 1st introducing responsive design, 2nd using React.js framework and a new design

Education

Master of Science in Computer Science Engineering - UGent
Sep 2015 - Jun 2018
- Grade: Magna Cum Laude
- Wrote dissertation about "Athlete monitoring through context-aware training schemes"
- Among the courses I followed: Software Architecture, Machine Learning, Design of Multimedia Applications, Big Data Science, and Introduction to Entrepreneurship

Bachelor of Science in Engineering: Computer Science - UGent
Sep 2012 - Jun 2016
- Grade: Cum Laude

Skills

JavaScript	HTML	Webpack	Software Architecture
Vue.js	CSS	Vite	Data Engineering
React.js	Design Systems	Rollup	Data Analysis
TypeScript		Github Actions	Machine Learning
Canvas API	MongoDB		
Swift	SQL		
	Firebase		