

WOUTER BREEPOEL

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Education

Harvard University - CS50 Introduction to Computer Science	2021 - 2021
Tilburg University - MSc (Quantitative Finance)	2018 - 2019
Tilburg University - BSc Business Economics	2015 - 2018

Skills

Languages: HTML, CSS, JavaScript, Python, Java, Javascript, Liquid
Technologies: React.js, Redux, Next.js, Flask, MySQL, Postgresql, SQLite, Git
Data structures & Algorithms

Projects

Streaming App - React, Redux, JSX

Built a streaming platform where user can create, edit and delete streams (CRUD)

- Created an API server using JSON Server that stored a list of all the streams and channels available in the app;
- Created a RTMP server to broadcast streams to viewers using Node Media Server package;
- Handled user authentication using Google OAuth, handled forms with React Final Form;
- Used Portals to create modals that asks the user confirmation before deleting a stream;
- Used React Router to navigate through all the pages in the App.

Portfolio Manager - Flask, SQLite, HTML, CSS

Web app where users can manage portfolios of stocks. User can register and login, quote the price and buy/sell stocks

- Downloaded stock quotes via the IEX API;
- Connected SQLite database to store data about user credentials and transactions, linked tables via user id;
- Stored hashes of the passwords using a hash function;
- Used GET and POST methods to view pages or submit data respectively.

YouTube Clone - React, HTML, CSS

Web app where users can search for YouTube videos, focusing on React Hooks instead of class components

- Used Axios to make API requests to the YouTube API;
- Used custom Hooks to prevent the duplication of code in multiple locations;
- Deployed React app via Netlify;
- Used Semantic UI library to create a responsive layout.

Professional Experience

Freelance - Shopify Developer

Sept 2021 - Present

- Helping clients with full store setups, theme development and customization;
- Using HTML, CSS, JavaScript, Shopify Liquid and Git;
- Working in a structured way from onboarding clients to the actual launch of the project.

Yara International - Expert Financial Reporting & Control

Oct 2021 – Present

- Managing three teams during a transition phase. Managing 5 people directly, reporting to the Finance Manager;
- Responsible for developing, training and coaching of designated staff;
- Training other entities. Teaching best practices on how to transition processes in an efficient way. Total of 10 people.

Yara International - Financial Process Controller

March 2021 – Oct 2021

- Implementing improvements in the processes of RTR, OTC and PTP using automation and digitalization;
- SAP R/3 experience and working with the SAP HANA database;
- Part of the implementation team for the SmartClose Tool of Blackline. Improved the efficiency of MEC and YEC.

KPMG - Trainee

Sept 2019 – March 2019

- Working in the KPMG Blockchain team and giving presentations on how Blockchain could be beneficial for clients;
- Working in a team-based environment carrying out compilation, reviewing and auditing tasks;
- Conducting process interviews with regard to AO/IB, including identifying risks and formulating internal controls.