

# Jonathan van Wersch

While I may have studied mechanical engineering at university, my passion lies in computer science and programming. I am a highly motivated, self-taught software engineer who possesses a wide range of technical and soft skills, allowing for me to work both independently and collaboratively. I am eager to join a new company as I want to expand my technical knowledge and engage in new, and more difficult challenges.

## Education

### **MEng (Hons) Mechanical Engineering** Sep 2015 – July 2020

*University of Bath – Bath, England*

First-Class Honours

- Modules studied include System Modelling and Simulation, Design, Fluid Dynamics, Systems and Control, Solid Mechanics, Design, and Business Processes

### **International Baccalaureate** Sep 2013 – May 2015

*Berlin British School – Berlin, Germany*

41/45 (3/3 bonus points obtained)

- Higher Level: Physics (6), Maths (6), and Economics (6)
- Standard Level: French (7), Chemistry (7), and English (6)

## Employment

### **Front-End Engineer** Jan 2021 –

Acre

Acre is an all-in-one mortgage platform, which serves both brokers and clients

- Developed components using React and Typescript, and led the creation of a design system to improve standardisation across repositories
- Pushed for the adoption and enforcement of more unit tests and wrote all end-to-end tests, resulting in a large increase in the overall test coverage of our mono-repo
- Independently re-developed much of the front-end of Acre's mortgage sourcing application, resulting in it being considered the favourite part of our app by mortgage brokers
- Built a dashboard app for brokers using React Native, which won a company-wide hackathon
- Voted as the most helpful member of the company to new hires
- Completed the most Agile story points of all front-end engineers in 2021
- Independently developed the onboarding flow for new customers
- Conducted technical interviews and developed a coding test, which was used to screen candidates prior to being interviewed

## Personal Projects

### **Dekked** Sept 2020 – Sept 2021

Dekked is an integrated flashcard and note-taking application

- Raised £3250 in equity-free funding
- Designed the web app in Figma and developed the front-end using React and Typescript
- Created a design system to store all of the common React components
- Built the backend using Node.js, Postgres and Express
- Hosted the web app using Netlify on the front end, and Render for the API and database
- Developed tests using Cypress and React Testing Library, and created staging and production environments to allow for the safe development and integration of new code

### **Bath University Rocket Team** Feb 2019 – Mar 2020

- Developed a sounding rocket to compete at the 2020 Spaceport America Cup (cancelled due to COVID-19), the world's largest intercollegiate rocket competition, alongside a team of seven other students
- Acted as both the project manager and systems integrator, gaining experience in organisational- and communications-based management, as well as rocket design and 3D modelling

## Personal Info

### Email

[Jonathanvwersch@gmail.com](mailto:Jonathanvwersch@gmail.com)

### Location

London, England

### Phone Number

+44 77612 63462

### Portfolio

[j-vw.com](http://j-vw.com)

### References

[my.searchlight.ai/jonathanvwersch](http://my.searchlight.ai/jonathanvwersch)

### Github

[github.com/Jonathanvwersch](https://github.com/Jonathanvwersch)

### LinkedIn

[linkedin.com/in/jonathan-van-wersch](https://linkedin.com/in/jonathan-van-wersch)

## Technical Skills

### Programming Languages

JavaScript, TypeScript, Python

### Front-End Web Development

React, React Native, HTML, CSS, Styled Components, Tailwind CSS, Gatsby, React Testing Library, Enzyme, Apollo, Cypress, RXJs, GraphQL, React Query, Storybook

### Back-End Web Development

Express, PostgreSQL, Node.js, REST APIs

### Other

Jira, Gitlab, Github, Git

## Soft Skills

- Public speaking
- Project management
- Self-learner
- Strong in both verbal and written communication
- Can work both independently and in a team

## Languages

### Native

English

### Proficient

Dutch and French