

Paris, France

# VALENTIN FOUCAULT

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**Software Engineer with 3+ years of experience in launching entrepreneurial projects and developing web / mobile applications with the JavaScript / React.js / React Native / Node.js technologies for a variety of startups and SMBs.**

## PROFESSIONAL EXPERIENCE

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**Co-Founder & Chief Technical Officer** **Freed** **November 2020 – July 2021**

*A productivity tool that enables busy professionals to protect their time and attention throughout the day ([freed.app](https://freed.app)).*

- Shortlisted by Y Combinator for the Summer 2021 batch.
- Designed and implemented a Chrome extension that alters the way social media platforms work to prevent them from catching user's attention through persuasive design techniques. (**JavaScript, React.js**)
- Built a native iOS app that can automatically detect whenever the user loses himself on his phone. (**Swift**)
- Reached 800+ people on the waiting list. Conducted 100+ interviews to better understand our users' needs.

**Software Engineer** **Zero 1** **October 2019 – January 2020**

*Zero 1 is a London-based startup studio which partners with FTSE 100 corporations to build new ventures ([zero-1.co](https://zero-1.co)).*

- Worked on the front-end and back-end components of an internal tool that enables Zero 1 to quickly test new business ideas by deploying landing pages or MVPs to a specific audience. (**React, Node**)
- Developed an internal tool which enabled the ops team of a healthcare startup (Lifted) to plan visits more quickly by visualising the potential travel time between each of the nurses and a selected client. (**Node**)
- Wrote unit tests for a variety of front-end and back-end components. Worked in an Agile (Scrum) environment.

**Founder & Freelance Software Engineer** **Qualve Digital** **May 2018 – September 2019**

*An IT agency that helped a variety of SMBs to bring their ideas to life ([qualve.com](https://qualve.com)). Examples of completed projects:*

- **Kraaft** → Provided an encrypted database system to save the users' messages, which reduced the initial loading time of the app by an average of 50%. (**React Native**)
- **Jimmy Fairly** → Contributed new features and fixed bugs on an iPad app that enables sellers to order eyeglasses and configure them according to the customer's request, directly in the shop. (**React Native**)
- **Ally Assist** → Reduced time spent to select a child nurse from 10 minutes to 10 seconds by developing and deploying a REST API on the Google Cloud Platform. (**Node.js**)
- **Business Continuum** → Saved around 20 hours of labour work per year by implementing an integration with the Scoro CRM on the contact form of the company's website. (**Node.js**)
- **Flatswire** → Created new components for a SaaS that provides vacation rental management services. (**React.js**)

**Founder & JavaScript Developer** **SnapAbroad.com** **January 2018 – December 2018**

*A web app that helps travelers to save time by combining the search results from travel companies ([snapabroad.com](https://snapabroad.com))*

- Built the front-end and uploaded parts of the project on the Google Cloud Platform (GCP). (**React.js, Redux**)
- Developed a back-end server that interacts with various REST APIs to scrape and assemble the data. (**Node.js**)

## EDUCATION

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- **École Polytechnique & HEC Paris Business School, France** - MSc Entrepreneurship (2021)
- **University of Surrey, UK** - BSc (Hons) Computer Science (2020), *Awarded First Class Honours (4.0 US GPA)*
- **Monash University, Australia** - Exchange in the IT faculty (2018)
- **Lycée Notre-Dame de Boulogne, France** - Scientific Baccalauréat (2017), *Awarded Honours*

## PROJECTS

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- **Meet.work**: A web app that makes meetings more productive. (**React.js, Firebase, Jitsi**) – [meet.work](https://meet.work)
- **COM3001**: Recommendation system for travel destinations. (**Python, React**) – [com3001.valentinfoucault.com](https://com3001.valentinfoucault.com)
- **Personal website**: [valentinfoucault.com](http://valentinfoucault.com) (for additional information and projects)

## Skills

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- **Languages:** (*Proficient*) JavaScript, TypeScript, HTML, CSS | (*Familiar*) Java, Swift, Python, C / C++
- **Technologies:** Android SDK, Express, Firebase, GraphQL, MongoDB, Node, React Native, ReactJS, Redux, Wordpress
- **Cloud Platforms:** Amazon Web Services (AWS), Google Cloud Platform (GCP)