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Languages

- Ruby
- Rails
- JavaScript ES6
- React
- HTML5
- CSS/SCSS
- SQL/PostgreSQL

Technical Skills

- OOP concepts
- TDD workflow
- RESTful APIs
- MVC structures
- Github collaboration
- UI/UX
- Heroku

Interests

- Photography
- Travelling
- Cinema
- Design
- Art
- Hiking
- Cooking

Full stack developer

About

After a decade of programming machines and robots for the architectural and engineering manufacturing sectors, I grew curious about what else you could do with computers. So at the start of this year I attended a full stack web development bootcamp at Le Wagon London to learn how to code.

Now armed with an extensive understanding of web development using a Rails framework and possessing a strong eye for detail and precision, I am able to deliver elegant and user-centric solutions effectively and efficiently.

Education

LeWagon - Full Stack Web Development Bootcamp
London | Jan '20 - Mar '20
9 week full-stack web development bootcamp covering a Rails MVC framework comprising Ruby, Rails, JavaScript ES6, SQL, HTML and CSS/SCSS as well as product management.

Arts University Bournemouth
Bournemouth | Sep '08 - Jul '11
BA (Hons) Modelmaking

Projects

blanckmass.com
Website for a musician who wanted to expand his online presence and have more freedom on the content he posted than was available with his previous host. Built on a **Rails** framework with a backdoor admin page so that the user can post custom content and media using a **WYSIWYG** editor which also embeds **responsive** iframes which are stored in a **PostgreSQL** database. The website was styled using **HTML5** and **SCSS** and the admin inline editing features was implemented with **JavaScript ES6**.

tracked.ltd
A two weeks project pitched by myself to help users track multiple deliveries and see their overall delivery data in one place. This app has a strong emphasis on **RESTful API** requests along with an intuitive user journey and was built on a **Rails** framework with **PostgreSQL**, **JavaScript ES6**, **HTML** and **SCSS**. Working and managing a team of four meant versioning and product management was vital and achieved with **GitHub** and **Trello**.

turned-up.herokuapp.com
A marketplace app built with a **Rails** framework and in a team of four over the course of a week which allows users to book musical acts, leave reviews and become an artist themselves. The latter involved a single database table with the ability to relate to itself, achieved using **PostgreSQL**. The app was built on a **Rails** framework with **HTML**, **SCSS** and utilised **JavaScript ES6** for **AJAX**.

Employment

CNC Programmer and Operator
Chanel | Oct '19 - Dec '19
- Working within the manufacturing team to programme and operate the in-house CNCs

5 Axis CNC Programmer and Application Engineer
Attewell | Aug '18 - Sept '19
- Worked with high profile clients such as Airbus and Boeing
- Responsible for programming the four in-house 5 axis CNCs and managing the workflow and trailing of new jobs
- Adhering to 5S lean manufacturing

CNC Programmer and CAD Engineer
Foster + Partners | Nov '13 - Jul '18
- Helped grow the workshops CNC capacity and brought over 90% of jobs in-house
- Worked alongside the workshop assisting in CAD/CAM/3D printing
- Responsible for overseeing the entire production line and the three in-house CNCs and Kuka robot