

ERWAN GOUDARD

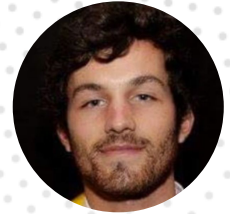
Front End Developer

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Paris, France



EDUCATION

Mechanical Engineering Diploma

Ecole Polytechnique Universitaire de Montpellier

09/2011 - 08/2016

Specialised Master's Degree in Innovation Management

IAE Montpellier

09/2016 - 09/2017

Scientific Baccalauréat Diploma, Very Good Awarded

Lycée Emile Zola, Rennes

07/2011

SKILLS

Coding

HTML

CSS

Javascript

React

git

gitHub

SASS

jQuery

ES6

Bootstrap

Matlab

Python

WEB DEVELOPMENT PROJECTS

Robofriends App

- It was my first introduction to **React.js**, as well as using **APIs**
- The **app** fetches a list of users from the **JSON placeholder API** and populates the page with user cards.
- For the user cards, the **robohash** API is used to fetch and display a random robot image for each user
- The result can then be searched using the search field, which will match the user input to the user names
- I was also introduced to **asynchronous functions** (fetch - then). The biggest challenge of the app was understanding how the asynchronous functions worked, as well as how React components are structured and brought together

Face Detection App

- The purpose was to build a single-page **application** using the **Clarifai face-detection API** using **React.js**, **Express.js** and a **PostgreSQL** database
- Working on this app really helped to understand how **React** is used, how **middleware** works and how to set up a **backend webserver and database**

Nexter, Natours and Trillo Projects

- Design of three websites for fictitious companies (**Natours**, **Nexter** and **Trillo**) using only **HTML5**, **CSS3** and **SCSS** as well as advanced animation
- The sites are full of **advanced CSS** - most of which is now well supported by browsers, but some of which is very new
- This course helped me take the habit of **updating my skills** to remain up to speed in the rapidly evolving world of web development

EXPERIENCE

Physics Teacher

Cifacom, BTS (Advanced Technician Certificate) School

09/2018 - 08/2019 Location

- Theoretical and practical classes of Physics for 8 classes of students, in year 1 and 2
- Writing and correction of the BTS Blancs (mock exams)

Marketing & Sales Project Manager

Mailbutler & Chez Nestor Startups

04/2017 - 08/2018 Lyon, Berlin

- Marketing, strategic and business development within two young and innovative startups.

Engineering end-of-study project

Mathematics & Simulation Laboratory

09/2016 - 01/2017 Montpellier

- Development of a numerical simulation code for the cardiovascular system
- One dimensional numerical modelling of the cardiovascular system and resolution of fluid mechanics equations in a network of deformable arteries

Engineering Internship

Arnaud de Villeneuve Hospital

03/2015 - 09/2015 Montpellier

- Computer Aided Design of an Aortic Valve Prosthesis
- Fluid Dynamics analysis of the blood flow through the prosthesis using a finite element method

PASSIONS

Tennis / Badminton / Chess / Minimal Music / Travels

LANGUAGES

German

Bilingual



English

Fluent (TOEIC: 970/990)



Spanish

Intermediate



French

Native Language

