

Hadrien Develay

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Passionate Frontend Developer with hands-on experience at AI startup. Led impactful projects, including a complete website overhaul. Adept in React, Typescript, and Tailwind. Thrives in dynamic environments, continually seeking to expand skill set and embrace fullstack development opportunities. Genuine enthusiasm for learning and growth, combined with proven ability to collaborate effectively.

Work Experience

Web Software Engineer @ Luminance - London 09/2022 - 01/2024

- Led independent overhaul of company website, tested and deployed while coordinating with Marketing.
- Developed mostly Front-End components for single-page app, fostering cross-functional collaboration for efficient debugging and testing.
- Provided mentorship to new team members, sharing deep insights into the codebase and best practices, fostering rapid onboarding and professional development.
- Tech used:
 - > Javascript and Backbone.js
 - > Git and GitLab
 - > PostgreSQL

Programming

HTML:

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Python:

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JavaScript:

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React:

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CSS:

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Git:

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C++:

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SQL:

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Education

MEng: Aeronautics, Spacecraft Engineering

10/2017 - 06/2022

University of Southampton, United Kingdom

Grade: 2:1

Relevant Units: Advanced Computational Methods, Introduction to Machine Learning, Spacecraft Orbital Mechanics, Design and Computing

Projects:

Y2 - Line Launcher: Designed, built, tested an accurate squash ball launcher. Came 3rd out of our year.

Y2 - Responsive Design System: Designed a mechatronic system that senses and responds to the changing characteristics of its local environment, including the proximity of moving objects.

Y3 - Individual Project: Designed and optimised a passive magnetic axial thrust bearing, from a magnetic and structural standpoint.

Y4 - Group Design Project: Designed, built, and tested an unmanned Downwind-Faster-Than-the-Wind vehicle. I led the design of the propeller hub capable of a variable pitch for the blades, and planning and conducting the wind tunnel tests. I produced a python script to read and analyse the data from the sensors, and to enable viewing and plotting the characteristics of the experiments easily.

Leadership Experience

UoS Skydive Club

09/2019 - 06/2022

- Leadership experience from being the Vice-President and Public Relations Officer of the University of Southampton Skydive Club.
- Developed resilience from adapting to challenges introduced by the pandemic.

Languages

French: Native

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English: Bilingual

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Spanish: Intermediate

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Norwegian: Intermediate

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Affiliations & Interests

- Sports: Skydiving (BS A License), Tennis, Sailing, Bouldering, Scuba Diving (PADI Open Water)
- Alpine Skiing (BASI Level 1 Ski Instructor), Ski Touring
- DIY, Design, 3D Design and 3D printing
- Video production and photography (filming, editing, drone enthusiast)