Ricardo F R Oliveira

BSc Computer Science

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Computer Scientist with a passion for web technologies and software engineering. Strong , agile application skills for HTML, CSS, and JavaScript, and proficient in Python and Java. Fast paced , Industry work experience as a Front-End developer for a leading UK AI Startup . Disciplined practitioner of latest DevOps and version control systems and agile development methodologies. Highly motivated team player and results-oriented, individually and as a mentor of peers. Analytical and Value-added approach to development and learning. Highly creative and transparent (see GitHub).

💼 Work Experience

Intellegens   2020 – 2021
Junior Front-End Developer   *Cambridge, UK*
» React | TypeScript | Tailwind | JEST
> Leading SAAS machine learning solutions for real-world, sparse and noisy data problems in industrial R&D and manufacturing processes
> Awarded 'AI Company of the Year' by Cambridge Independent Science and Technology Awards
> Completed industry placement at Intellegens as part of degree program
> Responsible for developing new features, maintaining and optimizing front-end code base

Coventry University   Summer 2021 / 2022 / 2023
Admissions Specialist   *Coventry, UK*
» Customer Service & Communication
> Seasonal temporary job over the summer period
> Responsible for engaging with prospective students, evaluating their qualifications and processing their applications

⚙ Skills

Programming Python · Java · C++ · JavaScript
Web HTML5 · CSS3 · JavaScript · REST · API · PHP · Ruby
Libraries React · JEST · MaterialUI · jQuery
Frameworks BootStrap · Tailwind · Ruby on Rails
Tools Git · GitHub · VS Code · Atom · Slack · Jira · Terminal

🎓 Education

University of Birmingham   2023
Skills Bootcamp in Front-End Web Development & UX   *Birmingham, UK*
University of Surrey   2018 – 2022
BSc Computer Science – Upper Division Second Class Honours (2:1)   *Guildford, UK*

⚗ Projects

👤 Personal: Streaming Platform - YouTube Clone   2023
» React · JavaScript · RapidAPI
> Developed a streaming platform similar to YouTube where users can browse and watch videos
> Completed as a personal development project with the goal of exploring and developing API skillset

🎓 Academical: Accoustic Vehicle Alerting System (AVAS)   2021 – 2022
» Python · PyAudio · OBD-II · Bluetooth
> Developed software for electrical vehicles to improve road safety for all road users, particularly the visually impaired
> Completed as Bachelors Final Year Project, the projected has awarded a high mark and praised for creativity
> The software is able to read the vehicle's speed in real time via a wireless OBD-II connection and emit sound simulating internal combustion engine vehicles

🎓 Academical: Recipes4.Me   2020
» Ruby · JavaScript · Heroku
> Developed an open-source web application where users can create and publish new recipes, or browse existing recipes based on user ratings, dietary requirements and ingredients available
> Completed as group project for Software Engineering module as part of bachelors degree

💬 Communication

English, Portuguese, Spanish Native/Fluent
German, French Intermediate