Quintin Russell

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🧠 Technical Skills

Tools: JavaScript (React.js**,** Vue, **TypeScript,** jQuery**,** NodeJS, Express.js), **CSS3** (CSS-in-JS), **HTML5**, **Git**, **RESTful APIs,** **Python** (Flask), SQL (PostgreSQL), Figma, Canva, Webpack

Experienced: Working Remotely (since 2018), Responsive Design, Procedural Programming, Object-Oriented Programming, AGILE methodology

📁 Applications Developed

QuintinRussell.us ⬈ || *GitHub* ⬈ (currently refactoring with **TypeScript**)
*A **full-stack website** to increase reach and showcase my projects and skills. Created using **JavaScript** packages: React.js (react hooks, react-spring and emotion) and NodeJS (Express.js and PostgreSQL).*
- Designed and built a database and associated custom endpoints using PostgreSQL and Express.js.
- *Leveraged Css-in-JS (emotion) and react hooks to create an interactive portfolio website without the use of a template.*

QuickTrack || Live ⬈ - GitHub ⬈
*A **full-stack application** for people that want to build positive financial habits by tracking their expenses. Created using **JavaScript** packages: React.js, PostgreSQL, Express.js and NodeJS.*
- Controlled the state of pages with reusable React components and event handlers.
- Constructed **RESTful APIs** using Express.js endpoints that validate user input, handle errors, and deliver relevant JSON data from a PostgreSQL database to the user to view past purchases and analytics.
- Designed summary page that dynamically displays graphs and summary analytics based on user specifications.

Other: Time Manager (**Python**) || GitHub ⬈ , MoodTrace (**JavaScript**, JQuery) || Live ⬈ - GitHub ⬈ , Zoomies (**JavaScript**, React.js, **Python**, Flask, **RESTful API**) || Github ⬈

🧠 Professional Experience

Junior Automation Engineer || 2 Barrels (Remote) || September 2022 - Current
- Leveraged **JavaScript** and npm packages (Puppeteer) to create web scraping tools.
- Utilized algorithmic thinking to debug, test, and improve modularized logic to be used globally in custom applications.
- AGILE and fully remote team setting.
- Currently learning Vue, Ruby, and **AWS** to better assist both back-end and front-end teams.

Teaching Assistant || LearningFuze (Remote) || January 2022 - July 2022
- Provided detail-oriented assistance with learning exercises and project construction: **JavaScript**, **CSS**, **HTML**, **RESTful APIs**, React.js, Express.js, PostgreSQL, DOM manipulation.

Environmental Engineer || Dudek (Encinitas, CA) || *April 2020 - Current*
- Licensed Engineer in Training (California; Environmental Engineering)**; Conveyed technical data** utilizing Geographic Information Systems (GIS) analysis and modeling; **Trained colleagues** in data visualization and data collection; Developed **Python** programs for data analytics and wrote **JavaScript** code to dynamically control data visualization; saved hundreds of hours from industry-standard methodologies.

🎓 Education

Bachelor's Degree, Water Resources || Oregon State University
- Member of the Oregon State University Honors Society; Head of Hydraulic Mapping and Public Relations for the Oregon State University EPA RainWorks team

Accelerated Full-Stack Web Development Program || LearningFuze
- See *Technical Skills* section; Spent over 800 hours of project-based education learning **React.js**, **NodeJS**, **JavaScript**, **HTML** and **CSS** in a collaborative environment including weekly stand-ups; **Time Management and Organization** (working a 40+ hour/week job while completing >500 hours of projects)