Quintin Russell

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🧠 Technical Skills

Tools: JavaScript (ES5 & ES6), React.js, jQuery, CSS3, **CSS-in-JS**, HTML5, **RESTful APIs, NodeJS**, Express.js, **PostgreSQL**, **Python**, **SQL**, **Git, GitHub,** VS Code, npm, Figma, Canva, Docker, Webpack

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

📁 Applications Developed

QuintinRussell.us ⬀ || *GitHub* ⬀
*A **full-stack website** to increase reach and showcase my projects and skills. Created using **React.js (react hooks, react-spring and emotion), jQuery,** and **NodeJS (Express.js and PostgreSQL)**.*
- *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 **React.js**, **PostgreSQL**, **Express.js** and **NodeJS.***
- Controlled the state of pages with reusable **React** components and event handlers to save hundreds of lines of code.
- 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.

MoodTrace || Live ⬀ - GitHub ⬀
*A **front-end web application** for people that want to prioritize their mental health by journaling and tracking their general mental state over time.*
- Single-page web application that uses **jQuery** for DOM manipulation to respond to user input and view-swapping.
- Sent user data and received data analysis form a sentiment analysis **RESTful API** using asynchronous (**AJAX**) requests.

Other: Time Manager (**Python**) || GitHub ⬀

🧠 Professional Experience

Teaching Assistant || LearningFuze (Remote) || January 2022 - Current
- Provided detail-oriented assistance with learning exercises and project construction: **JavaScript (ES6)**, **CSS**, **HTML**, **React.js**, **Express.js**, **PostgreSQL**, **DOM manipulation**, **RESTful APIs**.

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)

Introduction to Scripting in Python Specialization Program || Rice University (Coursera)
- Modules used: numpy, matplotlib, datetime, os, csv, and pandas