AARON BROWN

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SKILLS   JavaScript | React | Redux | Jest | Django | Python | SQL | Git | HTML5 | CSS3 | Material UI

PROJECTS

Better Bake (JavaScript, React, Redux, Jest)   **live | github**
Voting app for bakes from The Great British Bake Off.
- Designed responsive app with React, ES6+ JavaScript, and CSS3 to structure and optimize the front-end.
- Managed state with Redux, developed Redux-thunk middleware for solving async problems and developer logging.
- Applied React-Router to manage React components path and restrict access to authenticated users.
- Utilized Jest to apply test-driven development principals to anticipate and reduce bugs.

It's Corn Drum Kit (JavaScript, HTML5, CSS3)   **live | github**
Vanilla JavaScript drum kit to make your own version of a popular social media tune.
- Manipulate DOM using vanilla JavaScript and user input (keyboard, mouse, mobile).
- Designed responsive layout using CSS3 (including Flexbox).

Local Covid-19 Tracker (Python, Dash, Plotly)   **live | github**
Covid-19 tracker to visualize Alameda & Contra Costa County case trends.
- Problem: to see more granular level data of Covid-19 cases by and across cities and counties.
- Developed web scraper script using Python and Selenium to build Alameda & Contra Costa County datasets.
- Applied Pandas to clean and combine data and build 14-Day moving averages where it was not already provided.

EXPERIENCE

Parodi & de Laveaga   Jul 2019 - May 2022
Tax Preparer & IT Support Specialist
- Served as IT champion to implement a paperless workflow (software/hardware), improving WFH capability.
- Prepared individual, trust, and business returns to meet Federal and state filing requirements.
- Completed database migration in collaboration with a consultant to prevent End of Support issues.
- Maintained server, remote devices, and laptops to ensure high reliability for the team to meet deadlines.
- Leveraged Python to web scrape and centralize data needed annually for tax returns.

Mosser Companies   Sept 2016 - Jul 2019
Asset Management Analyst (2018 - 2019), Administrative Assistant (2016 - 2018)
- Developed internal and investor reporting systems to generate weekly, quarterly, and ad-hoc reports.
- Implemented business process improvement using cloud platforms; reduced the number of emails across the company to keep key members informed of critical path progress.
- Managed budgets, labor, and billing for 830+ projects, totalling over $13.5M.
- Automated workflows using existing company systems and Python.
- Named Employee of the Quarter out of 300+ employees (Fall 2017).

KoJa Kitchen   May 2013 - July 2016
Resource & Operations Manager (2013 - 2016), Kitchen Staff—Shopper (2013)
- Created and maintained data management systems, facilitating expansion from one to six locations.
- Worked with the CFO to manage AR, AP, payroll processing, and generate financial reports.
- Liaised between four departments and six store locations to ensure efficient operations and brand quality.
- Managed 12 staff; onboarded new staff, scheduled team member's shifts, and reviewed their performance.
- Developed and managed relationships with 20 vendors, coordinated supply orders, delivery, and payments.

EDUCATION

App Academy - Full-Stack Software Engineering | 2022 (in progress)
Udacity - React Nanodegree Program | 2022
UC Davis - B.A in Music, Minor in Education | 2007 - 2011