Tanner Pedretti

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SKILLS JavaScript, React, Redux, Expressjs, Python, PHP, WordPress, DNS, Flask, Postgresql, HTML / CSS, Git / Github

RELEVANT EXPERIENCE

Web Developer *(JavaScript, PHP, WordPress, SQL, HTML / CSS, Chart.js)*

Infinity Dental Web   Oct. 2021 - Current

- Collaborated with Design, Development, and Marketing teams to create customized pixel-perfect websites for a variety of clients that are optimized for search engines, aesthetically pleasing, and are ADA accessible.
- Assembled a customized client reporting portal by combining SQL database data with various Google and call-tracking API's to create a "one-stop-shop" for clients to login and see all of their marketing data. The front end was created using PHP, JavaScript and Chart.js.
- Effectively managed DNS records to ensure smooth transitions for incoming and outgoing clients to minimize downtime and email issues.

Analytical Scientist *(ChemLab, Python, NumPy, Pandas)*

Socati Corp.   Sept. 2019 - Nov. 2020

- Utilized technical documentation to develop calibration curves that test Cannabinoid potency levels and residual solvents within a 99% confidence interval for samples in a FoodSafe analytical lab for HP-LC and GC-MS analytical testing.
- Generated Standard-Operating-Procedure (SOP) documentation for how to construct the calibration curves I developed to increase lab efficiency and allow a lab of four people to maintain experimental consistency.
- Produced and analyzed hundreds of chromatographs to recommend future processing steps for a variety of analytical extract samples to maximize profit and company efficiency.

PROJECTS

Saucy-Score | *(JavaScript, Python, Flask, React / Redux, Postgresql, Nodejs, Docker, Heroku)*   **live** | **github**

- Harnessed React Portal to implement Modals throughout the site to enhance application flow and improve the responsiveness of the application UI.
- Integrated the jsSearch library to compose a search React component capable of querying for hot sauce names and rendering dynamic search suggestions in real time to enhance user experience.
- Combined Docker containers with Github actions to allow for automatic Github pull request deployments to the Heroku hosting service to optimize development efficiency and hosting related bug identification.

Party-Lure | *(JavaScript, Python, Flask, React / Redux, Postgresql, Nodejs, Heroku)*   **live** | **github**

- Developed a custom Flask query for the backend API and Postgres database that returns the posts with the most comments in order to display the most active posts on a "browsing" page to improve user experience.
- Leveraged Redux in a team environment to maintain and organize a consistent application state that made it easy for four team members to develop a myriad of features concurrently.

Horror-Host | *(JavaScript, Expressjs, Postgresql, Pug.js)*   **live** | **github**

- Constructed a Pug.js template mix-in that calculated the average score based on all the reviews for a movie and displayed this score as a star rating for each movie to give the app a visual and intuitive movie ranking system.
- Utilized session cookies and Sequelize queries to conditionally display the review form so that only users that are logged in and have not previously reviewed the selected movie can compose a new review.
- Ensured a user's information remained private by integrating Auth routes and the Bcrypt hashing algorithm to obfuscate passwords and ensure only authenticated users can perform certain actions across the site.

EDUCATION

University of Montana- *BS Geoscience, BS Restoration Ecology.*   2014 - 2018

App Academy - A rigorous 6-month full-time Software Engineering bootcamp with an acceptance rate of <5%.   2021