Christopher Regan

Software Engineer

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LinkedIn   GitHub   Portfolio

SKILLS

JavaScript, React, Redux, AWS, Python, Flask *SQL-alchemy, Sequelize,* Postgresql, CSS

EDUCATION

AppAcademy - *Full Stack Web Development*   Graduated 2021
Gettysburg University - *BS Computer Science*   2014-2018

TECHNICAL EXPERIENCE & PROJECTS

IT Support Specialist - *G-Tech*   Oct 2016 - Dec 2018
- Communicated proficiently with team members and clients in a manner that bridged the gap between people with and without technical experience.
- Worked as a member of a 10 specialis team to detect and remove malware from personal and institutional computer systems.
- Demonstrated proficiency in hardware failure diagnosis and repair for most commonly damaged components (hard-drives, RAM, screens, network adaptors).
- Identified opportunities to successfully apply Cyber-Security **best practices** and education of clients as needed.

Git There | *(React / Redux,* AWS S-3, *SQL-alchemy)*   **live** | **github**
Full Stack web application focusing on productivity and task management throughout the job search.
- Created streamlined workflow developed from user stories that had an emphasis on intuitive and responsive data entry methods by enabling a click to copy notes displayed through inline React event listeners and forms with multiple submission types depending on what the next action is by using switch case logic on a state variable changed by every submission button.
- Solved the problem of displaying lots of text information at once in an organized way by using a modal pop-up for information and forms with React context to dive deeper into data quickly while maining a grounded view of the dashboard.
- Built three different systems to change the "status" of a given application to allow users to be flexible in the way they interact with their data.
- Enabled a dark mode toggle on the navigation bar through changing a state variable passed through context to the whole app. All colors are applied inline by keying into the one color object.
- Coded AWS S-3 integration to save specific versions of application documents used for a job and download them later if needed. This greatly simplifies the organization process needed to keep documents and application data all in one place.

Local Plates | *(React / Redux, Flask, Google Maps API, AWS, ReactIP-API,SQL-alchemy, Post-gis)*   **live** | **github**
Full Stack web application - Clone of "Open Table".
- Implemented nested React components to create card scrolling mechanics and reactive search functionality.
- Displayed all search results in order of distance closest to the ip address of the user who made the request. Post-gis in the Flask route converts the coordinates of the request and the coordinates of the restaurant results into a list ordered by distance.
- Seeded 120 real restaurants seeded each with accurate coordinates, 10 reviews, at least 3 tags, and 5 photos attached. This massive amount of seed data required API calls to the Google Maps API done progressively in a loop with error handling.
- Generated over 1000 reviews quickly by applying a Flask seeder to loop through every restaurant entry and apply 10 random reviews to it.

ADDITIONAL EXPERIENCE

Rouge Catering - *Wedding Bartender*   Oct 2018 - Dec 2020
- Maintained the utmost level of professionalism, customer satisfaction, and standards in demanding, fast-paced environments under tight deadlines.
- Collaborated with large teams (**50+**), successfully accomplishing goals with high expectations by minimizing mistakes through consistent, effective interpersonal communication.