KENNETH DONAHUE

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SKILLS
JavaScript, Python, SQL, HTML / CSS, React / Redux, Express, Flask, Node.js, PostgreSQL, Sequelize, AWS S3, SQLAlchemy

TECHNICAL PROJECTS

rBoard | *(JavaScript, React / Redux, Python, Flask, PostgreSQL, SQLAlchemy)*   **live** | **github**
- Developed smooth, draggable **UI** components in **React** by monitoring and tracking MouseEvents, manipulating absolute positioning in **Styled Components**, and making fetch calls to endpoints on a **Python** backend using **SQLAlchemy** to store updated objects in a **PostgreSQL** database to allow users to customize a persistent layout of elements on their boards.
- Implemented a single-page application in **React** with one front-end route, providing users with a simple **UI/UX** to perform **CRUD** actions on **4 features** that occur through the navigation bar and/or board items themselves.
- Designed a toggle-able editing system using **CSS** and **Styled Components** that mimic the target element in order to seemingly update the contents of a board item directly, in real time, without being taken to other pages or forms.

Pseudogram | *(JavaScript, React / Redux, Python, Flask, PostgreSQL, SQLAlchemy, AWS)*   **live** | **github**
- Streamlined **Redux** store state by nesting user image information under the user with eager loading, enabling simpler manipulation of the user image likes and comments during CRUD related actions.
- Used **AWS S3** to build a reusable **React** image upload modal using a custom context provider, allowing for easy implementation on any authorized front-end route while also reducing server load.
- Constructed a reusable **React** component to toggle like/unlike status, requiring only one prop and using **Javascript** logic to determine which **Redux** thunk action creator to dispatch, allowing for easy implementation in development.

gravyNcurds | *(Javascript, React / Redux, Express, PostgreSQL, Sequelize)*   **live** | **github**
- Expanded user control by tying a user's check-ins to their account through relational tables in **SQL** and eager loading of that data with **Sequelize**, allowing users to easily retrieve, edit, and delete check-ins as needed.
- Restructured the login and signup forms in **React** with dedicated space for validation error messages using the **Express Validator library** and **Javascript** regular expression checks, allowing users to instantly identify the field with the error and avoid resizing elements as a result of validation errors.
- Created a **React** component with **Javascript** conditionals to dynamically update the timestamp display on each check-in with the most pertinent time unit to display.

WORK EXPERIENCE

Customer Care Manager, *Renaissance Solutions*   *Oct 2019 - Feb 2021*
- **Spearheaded the development of a centralized customer care department** by implementing policies and procedures **across 3 states**, analyzing data focused on continuous improvement, and designing training programs for retail staff to provide consistent, high-quality service.

General Manager, Assistant Store Manager, Supervisor, Retail Associate
Terrapin Care Station (Subsidiary of Renaissance Solutions)   *Jun 2017 - Oct 2019*
- Achieved **multiple promotions with increasing responsibility** through these four positions in **< 2 years** by demonstrating leadership, proactive problem solving, and excellent customer service skills.
- Transitioned location from medical-only to dual-use by facilitating compliance with robust, new regulations and training staff to work under 2, different regulatory environments, leading to >**100% increase in daily customer traffic.**

Team Focal / Subject Matter Expert, *IBM*   *Dec 2016 - Mar 2018*
- **Automated 7 substantial reporting and email notification processes** with **VBA scripts in Excel**, allowing the company to reallocate valuable resources to another team.
- Drove a **45% reduction** in the count of aged incidents in a **16-week period** with a combination of automated reporting, notifications, and resolver group education.

EDUCATION

AppAcademy - *Full-Stack Software Engineering*   *2021*
- *Relevant Coursework: Object Oriented Programming (OOP), Test Driven Development (TDD), Coding Best Practices, Systems Design & Architecture, Data Structures, Algorithms, Agile/SCRUM Methodologies*

University of Colorado at Boulder - *Bachelor of Music in Vocal Music Performance*   *2009-2012*