Ash Tucker

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TECHNICAL LANGUAGES & SKILLS

JavaScript, Python, React, Redux, Flask, Express, PostgreSQL, SQLAlchemy, Alembic, Sequelize, NodeJS, Amazon AWS S3, Pug, HTML, CSS, Selenium, Docker, Heroku, Github, Git

PROJECTS

Benkyou - Brainscape.com clone **(React / Redux / Flask)**   **repo** | live site

- Utilized **AWS S3** to implement optional user image uploads to allow for more convenient image uploads
- Designed a custom carousel with **React** components and **CSS** transitions to create a unique flash-card studying experience
- Incorporated **Redux** state patterns to architect highly scalable state management

La Table - OpenTable.com clone **(React / Redux / Flask)**   repo | live site

- Served as project **scrum master** and created plan for **Redux** state
- Designed a **React** form and accompanying function to create multiple available reservations between two dates, resulting in a smoother user experience as a restaurant owner on the application
- Built a custom search function using **SQLAlchemy** to return restaurants matching the search either by their name or their cuisine type, allowing for searchability and discover features on the application

noted. - Evernote clone **(React / Redux / Express)**   repo | live site

- Created custom selected **CSS** classes throughout the application controlled by changed in **Redux** state to improve the UI
- Implemented custom **Express** error handlers to ensure check user authorization on each C/R/U/D route to prevent CSRF attacks and secure user information
- Designed a custom search function using **Sequelize** to enable users to find their previous notes

WORK EXPERIENCE

Apple, Inc.

Product Service QA Engineering Intern; Sunnyvale, MN — Jan 2021 - July 2021

- Executed manual tests for factory software and repair software verification to ensure smooth software releases
- Planned and maintained test cases for software validation and created standard operating procedures for lab processes to standardize software test case and manual lab test processes across multiple teams
- Wrote **Python** scripts to automate log collection for manual test cases to reduce time between test cases by ~75%
- Reported tested findings and bugs directly to engineers, following up with confirmation testing to verify functionality

Technical Specialist; Santa Clara, CA — Aug 2019 - July 2021

- Troubleshot and repaired iOS, iPadOS, tvOS, watchOS, and macOS devices to restore user functionality
- Trained over 40 new Genius Bar team members on troubleshooting procedures and tools

Alarm.com

Customer Experience/Social Media Manager; Bloomington, MN — Jan 2019 - Aug 2019

- Managed company social media accounts (Facebook, Instagram, Twitter) and provided all public facing customer support to control the company's online presence
- Authored troubleshooting guides for Alarm.com dealer partners and customers to enable end users to troubleshoot their own technical issues

Rochlin Law Firm

Paralegal; Edina, MN — June 2018 - Jan 2019

- Answered and drafted discovery materials to be submitted to Minnesota courts on behalf of all 100+ clients
- Maintained medical billing/cost spreadsheets for all 100+ clients to track clients' medical costs and firm costs accrued during their cases

EDUCATION

App Academy — *Full-stack Developer Bootcamp*, July 2021 - Jan 2022

University of Minnesota - Twin Cities — *Political Science, B.A.* 2018