BRENDAN LAU
Software Engineer

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SKILLS
React, Redux, Python, Flask, Javascript, Express, HTML, CSS, SQL, Node.js

PROJECTS

Nineman Social (Flask, ReactJS)   live | github
An app for the Nine-Man Volleyball community to gather in one centralized location, communicate, and interact with on another.
- Designed the wireframe for a unique volleyball themed website, utilizing FIGMA, HTML and CSS to form the foundation.
- Integrated AWS S3 for users to upload images to the app to display as their team background.
- Created algorithms dependent on the current state to showcase certain functions / features to interact with the website.

WeCord (Flask, ReactJS)   live | github
A discord clone where instead of requiring an invite link to join a server, users are able to self-enroll into a chosen server.
- Adhered to scrum methodology to divide tasks and deliver a full-stack app with over 20 features within a one week sprint.
- Incorporated web sockets to implement a live-chat service to allow users to message each other in real-time.
- Worked on a team of four engineers to develop the application from scratch, successfully debugging and refactoring code in order to make future changes much easier to implement.

TeamUps (Express, ReactJS)   live | github
An app for users to create events for people to join, or team up.
- Implemented AWS S3 for users to add photos to their event postings and increase clarity through visuals for other users.
- Designed an algorithm for a search feature to filter out events or users based on the value typed into a search bar, displaying only the filtered events on the page in real time as the user inputs more values.

EXPERIENCE

Loan Servicer
Community Federal Savings Bank   Aug 2021 - Mar 2022
- Processed over 100 loan payments daily while ensuring 100% accuracy with data entry into the bank's proprietary software.
- Trained 5 new hires to perform their duties approximately 200% more efficiently than the already existing workers.

Field Trainee for Project Management
PaintWorks   Sep 2020 - Mar 2021
- Estimated budget and costs for projects using floor plans to calculate surface area for painting and tasks requested.
- Prepared work spaces for work by incorporating protective measures against work-related accidents.
- Delegated tasks for co-workers to do in order to maximize efficiency and productivity.

EDUCATION

App Academy - *Full-Stack Web development course*   Graduated Summer 2022
Hunter College - *BA in Psychology*   Graduated Spring 2020