BRENDAN LAU
Software Engineer

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

PROJECTS

HireMePls   (MongoDB, Express, ReactJS, Node.js)   live | github

An app designed for job seekers to post their answers to interview questions and receive feedback.
- Implemented secure user authentication using bcrypt for password hashing and JSON Web Tokens (JWT) for maintaining persistent login sessions.
- Migrated application to latest version of Redux framework through comprehensive study of redux documentation.
- Designed and implemented modal components for displaying dynamic content and enhancing user experience.

Nineman Social   (Flask, ReactJS)   live | github

An app for the Nine-Man Volleyball community to gather in one centralized location, communicate, and interact with one another.
- Created wireframe for a custom volleyball website using Figma, and built the foundation using HTML and CSS.
- Integrated Amazon Web Services (AWS) Simple Storage Service (S3) to allow users to upload and display images as their team backgrounds and icons within the app.
- Customized Discord's styling template to align with the theme of a volleyball-themed app.

WeCord   (Flask, ReactJS)   live | github

A discord clone that focuses on discoverability and allows users 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 find interest from peers to join them on events.
- 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.
- Automatically filtered out past events and allowed the option to display the past events.

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 with a higher performance than the existing employees.

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.
- 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