

BRENDAN LAU

Software Engineer

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[PORTFOLIO](#)

[GITHUB](#)

[LINKEDIN](#)

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.
- Collaborated with the team through pair programming to troubleshoot issues with the updated redux store and performed code reviews to ensure project quality.
- 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