Brendan Lau

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EDUCATION

City University of New York at Hunter College — New York, NY
Bachelor of Arts in Psychology — *Aug. 2015 – May 2020*

App Academy — New York, NY
App Academy's Full Stack Web Development certificate — *Mar. 2022 – Sep. 2022*

EXPERIENCE

Web Developer — Apr. 2023 – Jul. 2023
Aura Music Corp — *New York, NY*

- Collaborated with UI/UX designers to transform wireframes and mockups into fully functional, visually appealing websites.
- Demonstrated expertise in modern JavaScript frameworks like React, resulting in interactive and dynamic web applications.
- Implemented Django's built-in email functionality to automate and streamline communication with users, ensuring efficient delivery of notifications and personalized updates.

Loan Administrator — Aug. 2021 – Mar. 2022
Community Federal Savings Bank — *New York, NY*

- Adept at adapting to changing business needs, managing multiple priorities, and working effectively in a fast-paced, dynamic environment.
- Proven ability to collaborate with cross-functional teams, including IT, finance, and legal departments, to implement new loan products and improve existing processes.
- Experienced loan administrator with a strong background in managing complex loan portfolios and maintaining accurate loan records using various software applications.

PROJECTS

The Great Exchange | *JavaScript, Express, React, PostgreSQL, Node.js, S3, websockets* — Feb. 2023 – Present

- Implemented secure user authentication using bcrypt for password hashing and JSON Web Tokens (JWT) for maintaining persistent login sessions
- Designed and implemented a responsive web application to ensure cross-device compatibility and seamless functionality.
- Created an algorithm to improve the messaging app's user interface by showing users in order of recency based on their message activity, enhancing the user experience and raising user engagement.
- Incorporated web sockets to implement a live-chat service to allow users to message each other in real-time.

HireMePls | *MongoDB, Express, ReactJS, Node.js, GitHub* — Dec. 2022 – Present

- Developed a system that achieved O1 time complexity for tracking likes/dislikes and incrementing views per click on each post, enabling accurate display of post popularity.
- 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, Python, ReactJS, Node.js* — Aug. 2022 – Sep. 2022

- Created wireframe for a custom volleyball website using Figma, and built the foundation using HTML and CSS. 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.
- Utilized multifunctional tables to reduce the number of individual tables, streamline data management, and improve database efficiency.
- Customized Discord's styling template to align with the theme of a volleyball-themed app.

TECHNICAL SKILLS

Languages: JavaScript, Python, SQL (Postgres), noSQL (MongoDB), HTML/CSS,
Frameworks: React, Node.js, Flask, Django, Socket.io, WordPress
Developer Tools: Git, GitHub, Docker, VS Code, Visual Studio, Ubuntu, Trello