

Alan Lin

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EDUCATION

Boston University

Boston, MA

Bachelor of Arts in Computer Science

Sep. 2022 – May 2026

- Courses: Data Structures & OOP in Java (CS 112), Discrete Math (CS 131), Computer Systems (CS 210), Linear Algebra (CS 132), Probability in Computing (CS 237), Concepts of Programming Languages (CS 320)

EXPERIENCE

Barista

Sep. 2022 – Present

Boston University Warren Towers Starbucks

Boston, MA

- Maintained a calm demeanor in fast-paced environment.
- Helped address customer needs, resolving inquiries, and de-escalating challenges.
- Effectively balanced out multiple priorities such as sanitizing and preparing beverages.

Developer


Nov. 2022

BostonHacks Hackathon (Project: Dow Jones Stock Predictor)

Boston, MA

- Leveraged yfinance library to retrieve account historical stock data for analysis.
- Incorporated Plotly for interactive data visualization, enhancing user experience.
- Focused on stock prediction specifically for Dow Jones companies.
- Analyzed historical trends and generated insightful predictions to support decision-making in the stock market.

PROJECTS

StreamSift | streamsift.netlify.app  | *ReactJS, REST API, Javascript*

June 2023

- Harnesses the capabilities of the TMDB (The Movie Database) API to deliver timely and accurate information on popular movies and series.
- Ability to access up-to-date details, including descriptions, cast members, and character information.
- Utilizes the TMDB API to target searches for specific movies, series, or actor queries.

NoteCove | notecove.netlify.app  | *ReactJS, Firebase, ExpressJS, Javascript*

May 2023 - June 2023

- Implemented an API using Firebase functions to provide seamless access to user information and note items.
- Employed Firebase database to efficiently store and manage user collections and note collections.
- Incorporated Firebase authentication system to enable secure user sign-in and account creation.
- Utilized Firebase storage for seamless storage and retrieval of user profile pictures.
- Developed a visually appealing and intuitive user interface using ReactJS.

Countrix | countrix.netlify.app  | *HTML, CSS, Javascript, REST API*


Jan. 2023 - Feb. 2023

- Integrated the RESTful Countries API to retrieve comprehensive data about different countries.
- Leveraged the Google Maps Embed API to showcase interactive maps of specified country.

Dow Jones Stock Predictor | *Python, StreamLit*

Nov. 2022

- Leveraged yfinance library to retrieve account historical stock data for analysis.
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Brawldata.js | npmjs.com/package/brawldata.js  | *Javascript*

Sept. 2021

- API wrapper for BrawlApi to simplify data retrieval for specific game data.
- Utilized Javascript to efficiently call BrawlApi and extract desired information from JSON responses.
- Provides a way to access the BrawlApi api through javascript and streamlines the process of making the api call.

TECHNICAL SKILLS

Languages: Java, HTML/CSS, Javascript, Python, Bash/Shell, x86 Assembly Language, C

Frameworks/Libraries: ReactJS, ExpressJS, NumPy

Developer Tools: Git/GitHub, Visual Studio Code, Firebase, LaTeX

CERTIFICATIONS

Fundamentals of Digital Marketing – Google Digital Garage: WZW TM2 Q94