Alan Lin

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EDUCATION

Boston University   Sep. 2022 – (May 2026)
Bachelor of Arts in Computer Science   *Boston, MA*
- Courses: Software Engineering, Web Application Development, Analysis of Algorithms, Concepts of Programming Languages, Probability in Computing, Computer Systems, Linear Algebra, Discrete Math, Data Structures & OOP in Java

EXPERIENCE

Developer   Nov. 2022
BostonHacks Hackathon (Project: Dow Jones Stock Predictor)   *Boston, MA*
- Worked alongside a partner with a focus on Dow Jones companies for stock prediction.
- Leveraged yfinance library to retrieve account historical stock data for analysis.
- Incorporated Plotly for interative data visualization, enhancing user experience.
- 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 or user profile pictures.
- Developed a visually appealing and intuitive user interface using ReactJS.

Countrx | *countrx.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.

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, Javscript, Python, Bash/Shell, x86 Assembly Language, OCaml
Frameworks/Libraries: ReactJS, ExpressJS, NumPy, ViteJS
Developer Tools: Git/GitHub, Visual Studio Code, Firebase, LaTeX

CERTIFICATIONS

Fundamentals of Digital Marketing – Google Digital Garage (Discontinued): WZW TM2 Q94