






Contact Me!

 Portland, OR, USA
 (360) 333-3333
 someemail@gmail.com
 /classalto
 /victor-b-williams

VICTOR WILLIAMS

SOFTWARE ENGINEER

Collaborative Engineer solving real-world problems with elegant and efficient solutions. I have strong interest in front end development and functional programming. After years of collaborating with peers from a diverse range of backgrounds, I aim to implement seamless and easy to use designs that are team-built and enjoyable to use!

TECHNOLOGIES

Languages

- Javascript
- Python
- HTML5
- CSS3

Databases

- SQL
- PostgreSQL
- Sequelize

Testing

- Jest
- QUnit

Practices

- TDD
- CI/CD
- OOP

Frameworks +

Libraries

- React.js
- Node.js
- Express.js
- Material UI
- Discord.js
- Redux
- BCrypt
- Tailwind CSS

Tools

- Github/Git
- VS Code
- Heroku
- Netlify
- Postman
- pgAdmin
- MacOS

PROJECTS

Ambience Bot | [Github](#) [Discord Invite](#)

Node.js / Discord.js / JavaScript / Youtube API

A discord bot that live-streams ambient music from the Youtube API through the use of simple commands and search terms that give the user full control over an ambient stream.

Application was created in a one week sprint, remotely with a team of software engineers. It's built with Node.js and interfaces with the Discord.js to give users full control of their bot. I contributed a reusable error handling function that validates if a user and bot are in the proper channel for an ambient stream. Implemented commands such as !loop and !replay command that allows the user to loop a stream playlist and favorites playlist and repeat a last played ambience. Application was deployed with Heroku.

Taurus Trading | [Github](#) [Deployment](#)

React.js / Node.js / Express.js / PostgreSQL / Chart.js / Finnhub API / Stocktwits API

A full stack application that searches stocks and retrieves relevant price and social media sentiment which a user can track the performance of a mock portfolio over time.

Application was created in a one week sprint, remotely with a team of software engineers. It's built with React.js and uses HTTP requests to query the Finnhub and Stocktwits API's for relevant stock information. My contributions include a login portal that utilizes user authentication and tokenization which allows users to create sessions and have access to their user-specific data, a notes component where users can create and delete notes that are stored in a SQL database which are accessed only by an authenticated user, implemented backend endpoints that act as middleware controllers for our database and frontend UI, and finally styling and structure of the about us page. Application was deployed with Netlify.

Aspire.io | [Github](#) [Deployment](#)

React.js / Node.js / React Beautiful D&D / PostgreSQL / JavaScript / Material UI

A job listing dashboard that allows you to see job listings at tech companies and track the job search process with an interactive user interface, all in one place!

Application was created in a one week sprint remotely with a team of three software engineers. This frontend application was built using Vanilla Javascript utilizing the DOM to create lists of NBA players and allow the user to save selected players in localStorage and also add or remove players from their team. I implemented a results page that rendered DOM elements based on functionality that calculated a team score from a selected team in local storage.

EXPERIENCE

AUTO DETAILING CONTRACTOR | Self-Employed, 2018 - 2021

Negotiated with clients to deliver unique and high-quality automotive cleaning solutions. Managed expenses and inventory to improve services. Excellent time management skills to meet demands of clients. Attention to detail to clean vehicles to showroom level quality.

ENSEMBLE GO | Co-Founder and Performer, 2014 -2015

Founded a marimba quintet that commissioned new music from up and coming composers from Southeast Asia. Involved with aspects of planning from securing performance venues, outreach concerts for elementary schools, and concert tour in Japan. Engaged in a residency at HK new music festival that involved collaborations with dancers and public performances.

EDUCATION

Alchemy Code Labs

Full Stack Software Engineer, 2021

Remotely collaborated with teams of software engineers using test driven development to build clean and modern full stack applications.

San Francisco Conservatory of Music

Professional Studies in Music, 2016

Focus on delivering compelling performances of classical viola repertoire.

Yong Siew Toh Conservatory of Music

Bachelors of Music, 2015

Collaborated with musicians from over 30 countries with a focus on solo viola repertoire and various sized classical ensembles to deliver engaging and high quality performances.