

Vincent Boc

I love learning, Full Stack Engineer

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[in /vincentboc](https://www.linkedin.com/in/vincentboc)
[/JapanPanda](https://github.com/JapanPanda)

Education

University of California, Davis

Bachelors of Science in Computer Science
Cum Laude

March 2021
Major GPA: 3.96
GPA: 3.91

Projects

Sagasu.

[JapanPanda/sagasu](https://github.com/JapanPanda/sagasu)

- > Incorporates Jikan API and Recombee API to accurately recommend anime to users based on the user's previous interactions.
- > Created an automated script that pulls all the anime from Jikan API, parses it, and stores it in Recombee as well as a Heroku PostgreSQL server.
- > Researched and developed efficient features for recommending anime as well as the UI/UX in order to bring an easy-to-use interface for the general public.
- > Built with PostgreSQL, Express.js, React, Node.js

osu nhauto!

[JapanPanda/osu-nhauto](https://github.com/JapanPanda/osu-nhauto)

- > Simulates mouse and key inputs to the popular rhythm called "osu!" allowing users to gain perfect scores on any level regardless of difficulty.
- > Reverse-engineered osu! by analyzing memory to access game data which is processed by our program.
- > Automated key inputs for the game which allows for users to play high-paced levels.
- > Built with C#, .NET Framework

Aqua Bot

[JapanPanda/aqua-bot](https://github.com/JapanPanda/aqua-bot)

- > Streams Youtube and Spotify songs/playlists on Discord voice channels by utilizing FFmpeg.
- > Developed the entirety of the bot so far while prioritizing scalability as well as audio customization such as bassboost, nightcore, and etc.
- > Built with Node.js, Discord.js, FFmpeg, Youtube API, Spotify API

Skills

Proficient C++, JavaScript, React.JS, Node.JS, Express.JS

Familiar Java, Python, C#, C, UNIX/Linux, Git/Github, HTML5, CSS, RESTful API

Have Used AWS, Go, PostgreSQL

Experience

Computer Science Tutor – University of California, Davis

Winter Quarter, 2018 & 2020

Dyslexia Website – HackDavis 2019

February 2019

TripShare Website – HackDavis 2021

February 2021

Vice President & Treasurer of Dance Dance Revolution Club - UC Davis

2018 – 2019