Skills

Experienced

Java, HTML5/CSS

Proficient

JavaScript, C#, Git, SQL

Knowledgeable

AWS (RDS EC2), Spring, Vue.js

Projects

Present

Discord Music Bot

- I developed a bot for the popular chat service Discord using Java which is deployed on a local Windows server.
- Using the JDA (Java Discord API) library, the bot regularly interacts with users on the Discord client.
- Serves audio from YouTube and stores user playlist data in an **SQLITE** database, encrypting any user data at rest (via AES).
- Utilizes a common bot library I developed and maintain on JDA feature updates.

2022

Unity Game

- I led development for a Unity game using **C#**, **Visual Studio**, and **GitHub**.
- Game emphasized managing multiple objects with custom C# pathing code and data management.
- Focus on performance to aid C# garbage collection to prevent stalls or drops during gameplay.
- Designed complex game interactions, data objects, and data flow using diagrams for faster development.

2021

Full Stack eCommerce Website

- I led full-stack development for an agile team on an eCommerce website in Java and JavaScript.
- Created a backend for frontend built with **Spring** and used **AWS RDS** as a database.
- Built the frontend using Vue.js and SASS.

Experience

2018 - Present

Freelance Web Developer/Designer

• Developed and maintained simple **HTML** and **JavaScript** websites for customers.

Education

2019 - 2023

BS in Computer Science

California State University, Northridge