

## **Brandon Mason**

San Marcos, TX | (512) 214-0024 | [brand.mason86@gmail.com](mailto:brand.mason86@gmail.com)  
<https://www.linkedin.com/in/brandmason> | <https://github.com/brandon-mason>

### **EDUCATION**

#### **Bachelor of Science in Computer Science**

*December 2025*

Texas State University – San Marcos, Texas      GPA: 3.34

**Relevant Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Software Engineering

#### **Associates of Science in Computer Science**

*May 2023*

Austin Community College - Austin, Texas

GPA: 3.6

#### **Full Stack Web Development Certification**

**Tech Talent South**

*May 2023*

### **TECHNICAL SKILLS**

**Technologies:** SQL, MongoDB, RESTful APIs, Responsive Web Design, Object Oriented Programming

**Programming:** C++, Java, Python, React.js, Tailwind CSS, Mantine, TypeScript, Node.js, WordPress

**Development Tools:** VSCode, GDB, LLDB

**Productivity:** Jira, Bitbucket, GitHub, Git

### **PROJECTS**

#### **Piano Music Note Recorder ([Full MERN Stack](#))**

*Dec. 2022 – Dec. 2023*

- I create music on my computer and I wanted to learn new technologies by designing and implementing a project that mimicked the tools I use to create my music.
- Technology list: TypeScript/React, Express.js (back end), and MongoDB.
- Grid based music creator where piano keys are on the vertical and time is on the horizontal.
- The app accepts keystrokes and mouse events to record to the grid when playing the integrated piano.
- Users can create accounts and use them to store their music on a cloud service.

**Explore the code here:** [GitHub Repo](#)

**Use the app here:** [piano-roll.vercel.app](https://piano-roll.vercel.app)

#### **OpenAI Image Generation GUI(JS or Java)**

*November 2024*

- The object-oriented course I took included an optional assignment to explore using APIs and LLMs. This project created the UI and the calls to OpenAI to draw images.
- I independently made the same type of application using React.js.
- The React.js version maintains a record of the images generated during the user's session that can be accessed through a menu.

**Explore the React.js code here:** [React GitHub Repo](#)

**Or the Java code here:** [Java GitHub Repo](#)

### **EXPERIENCE**

#### **Front-end Developer & Marketing Agent**

*Oct. 2021 – Sep. 2023*

Custom Motor Group (Car Dealership), Pflugerville, TX

- Optimized website content so that customer Google searches would show the company website higher in results.
- Reduced website load times by trimming hidden or unused HTML and CSS off the website's pages.
- Received compliments from management for the above performance changes and improvements to the UI
- Communicated with customers through online chat systems, returning calls, and meeting them at the front desk to aid customers that were interested in certain vehicles.

**HOBBIES:** Building Personal Programming Projects, Song Writing, Music Production