

Brandon Mason

San Marcos, TX | (512) 214-0024 | 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: 3.77

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

Associates of Science in Computer Science

May 2023

Austin Community College - Austin, Texas

GPA: 4.0

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, C#, React.js, HTML, CSS, TypeScript, JavaScript, Node.js

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

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