Brandon Mason

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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, C#, 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

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