ASHLEY MAYS

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EDUCATION

California State University Fresno   Fresno, California
Bachelor of Science in Mathematics   2018-2022
- **Awards:** Recipient of the President's List Award, 2x Recipient of the Dean's List Award
- **Relevant Coursework:** Mathematical Logic, Mathematical Proof Writing, Data Structures and Algorithms, Object-Oriented Programming, Functional Programming, C++ Programming

TECHNICAL SKILLS

- **Languages & Frameworks:** C++, HTML5, CSS3, JavaScript, Express.js, Latex
- **Tools:** MongoDB, Mongoose, Node.js, EJS Templating Engine, Visual Studio, VS Code, Git Version Control, GitHub, Figma, Amazon Web Services (AWS)
- **Other Technical Skills:** REST APIs, Debugging, Frontend Development, Full Stack Development, Model-View-Controller (MVC) Design Pattern

PERSONAL PROJECTS

Recipe Finder Web App   AUG2022 - OCT2022
- **Tech Stack: HTML5, CSS3, JavaScript, REST API, Node.js, Express.js, MongoDB, Mongoose, EJS, VS Code, Git, Heroku, AWS, MVC Design Pattern**
- Developed and designed a full stack web application that allows users to find and save recipes from across the web in one place
- Implemented login authentication with Passport.js, Nodemailer, and JSON Web Tokens to allow users to save recipes for later
- Hosted users' profile pictures with AWS to efficiently use database storage
- Translated and implemented EJS and CSS from custom Figma design mockups
- Applied modern web development principles and responsive web design techniques for support on all devices and modern web browsers
- Adhered to WCAG Level AA accessibility guidelines to provide equal access and opportunity to every site visitor

Virtual Keyboard   JUN2022 - JUL2022
- **Tech Stack: HTML5, CSS3, JavaScript, Web Audio API, MediaStream Recording API, VS Code, Git**
- Developed a virtual keyboard that can be played on all modern browsers and both desktop and mobile devices using responsive web design techniques
- Created an intuitive, realistic experience by adding functionality to sustain and soften notes and four different instrument sound options
- Implemented audio recording functionality that allow users to play the keyboard, record their playing, and download it as a MP3 file to their device

PROFESSIONAL EXPERIENCE

Best Brains Learning Center   Remote
Coding Curriculum Writer   OCT2022- Present
- Collaborated with colleagues and a supervisor to brainstorm creative lesson ideas
- Prepared and wrote lessons on HTML and CSS to educate elementary and middle school students
- Edited lessons based on feedback from a supervisory committee
- Communicated with team members remotely via Zoom