

Mason Evans

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Recent Computer Science graduate with a strong foundation in software development, particularly in front-end development using React. Proven ability to conduct thorough research and present findings effectively. Eager to leverage technical expertise and problem-solving skills to contribute to innovative tech projects.

EDUCATION

Bachelor of Science (B.S.) - Computer Science

Aug 2020 - May 2024

Austin Peay State University, Clarksville, TN

Relevant Coursework:

- Algorithm Design & Analysis
- Web Development
- Programming Languages

EXPERIENCE

Research Analyst

Jan 2024 - May 2024

APSU Senior Seminar, Clarksville, TN

Key Responsibilities:

- Conducted an in-depth research project on Google's AI-driven car initiative, culminating in a 20-page paper and multiple presentations.
- Analyzed technical specifications, safety protocols, and market impact, providing critical insights.
- Enhanced public speaking and presentation skills by delivering findings to peers and faculty.

Full-Stack Developer

Jan 2024 - May 2024

APSU Senior Capstone, Clarksville, TN

Key Responsibilities:

- Designed, implemented, and maintained the PostgreSQL database to support application functionality, ensuring data integrity and efficient retrieval.
- Integrated database functionalities with the ReactJS front-end for seamless user experiences.
- Contributed to front-end development with CSS and HTML, enhancing the visual appeal and user interface.
- Occasionally contributed to back-end development tasks using Node.js, ensuring robust server-side operations.
- Supported back-end development with Node.js, ensuring robust server-side operations.
- Participated in code reviews, enhancing overall project quality and performance.

SKILLS

- **Programming Languages:** HTML5, TypeScript, JavaScript, PHP, C#, Python, Java, C++
- **Frameworks:** ReactJS, React Native, Django, Laravel, .NET
- **Tools/Technologies:** PostgreSQL, SQL, Node.js, Performance Testing, APIs, Debugging

PROJECTS

Beak to Basics | <https://www.beaktobasics.com/>

- Developed a comprehensive web application for bird enthusiasts as a solo developer, featuring a database of bird species and user-friendly search functionalities.
- Built the front end using ReactJS, ensuring a responsive and interactive user experience.
- Styled the application using TailwindCSS and the Material-Tailwind library for a modern and consistent look and feel.
- Utilized Supabase for PostgreSQL database management, ensuring efficient data storage and retrieval.

TagMaster | <https://tagmaster.netlify.app/>

- Developed an interactive 3D virtual graffiti wall application using Three.js, allowing users to create digital street art in a simulated environment.

- Implemented various paint patterns and effects, including splatter, spray, and drip, enhancing the realism and creativity of the digital graffiti experience.
- Utilized HTML5 Canvas and WebGL for high-performance graphics rendering, ensuring smooth user interactions and real-time paint application.
- Integrated color selection tools and brush size controls using custom UI components and event listeners for an intuitive user interface.
- Implemented save and reset functionalities, allowing users to preserve their artwork or start fresh on a clean virtual wall.