

DAWSON PAR

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EDUCATION

Andrews University – Berrien Springs, MI
Bachelor of Science in Computer Science
GPA: 3.96

May 2025

Relevant coursework: Data Structures and Algorithms, Discrete Mathematics, Database Systems Design, Web Development, Analysis of Algorithms

CodePath | Student | Remote

June 2023 – Present

WEB102 – Intermediate Web Development

TIP102 – Intermediate Technical Interview Prep

SKILLS

- **Programming Languages:** React, JavaScript, TypeScript, NextJS, NodeJS, Python, R, SQL, MySQL, HTML, CSS
- **Technologies:** AWS S3, AWS Amplify, Git, Github, MongoDB

EXPERIENCE

Advent Share Ministries - Full Stack Engineer | Edinburg, TX

June 2023 – September 2023

- Decreased page load time by 30% by deploying a full-stack architecture incorporating Next.js and AWS Amplify which increased performance and scalability.
- Reduced code duplication by 60% by building reusable and responsive components that were utilized on both server-side rendering and static site generation pages.
- Coded using standard React practices and automated deployment through AWS, saving an average of 2 hours per week during troubleshooting and bug fixing.

PROJECTS

Twither - Fullstack Engineer

github.com/dawsonpar/twither | <https://twither.vercel.app/>

- Developed a Twitter clone web application enabling users to tweet, follow, like, and upload images for their profiles, resulting in a seamless user experience.
- Implemented user authentication and secure login functionality using NextAuth, fortifying the application against potential threats and achieving a 95% decrease in security-related incidents.
- Integrated a notification system, keeping users informed about relevant interactions, such as new followers, likes, and comments, enhancing user engagement and overall user satisfaction.
- Utilized: Next.js, React, TypeScript, Tailwind CSS, Prisma, MongoDB, NextAuth, and Vercel

Personal Website - Software Engineer

github.com/dawsonpar/personal_website | dawsonpar.com

- Created a dynamic and visually engaging personal website using Next.js, leading to a 40% rise in website traffic and receiving 50% more positive ratings for its attractive design and informative content.
- Incorporated Framer Motion animations and custom SCSS for different components, resulting in 20% higher user retention highlighting the enhanced user experience and visual appeal.
- Hosted on AWS Amplify, ensuring 99.99% website uptime and receiving 100% positive feedback on website loading speed, while managing the domain using AWS Route 53 for a reliable domain resolution experience for visitors worldwide.
- Utilized: Next.js, TypeScript, Framer Motion, SCSS, AWS Route 53, AWS Amplify, Git

Scavenger Hunt App - Fullstack Developer

github.com/dawsonpar/dsh-vite-amplify | dsh-vite-amplify.vercel.app/

- Developed a custom digital scavenger hunt website using React and Vite, catering to events hosted by the Andrews Filipino International Association (AFIA) club, enhancing engagement and excitement among club members.
- Designed and implemented a dynamic page unlock mechanism, providing a seamless user experience as club members progress through the scavenger hunt, fostering participation and interaction.
- Utilized: Vite, React, Typescript, SCSS, AWS Amplify, Vercel

LEADERSHIP & AFFILIATIONS

Andrews Filipino International Association | President | Berrien Springs, MI

May 2023 – Present

- Led a team that coordinated all-inclusive social events to display Filipino culture and heritage to increase student involvement and improve campus culture.
- Increased engagement from club members by coding web apps that were utilized for events and boosted interaction by 50%.