Bryan Wilson

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EDUCATION (Expected Graduation, Jul 2026)

Brigham Young University- Idaho | Bachelor of Science in Computer Science
- Related Coursework: *Parallelism & Concurrency, Object Oriented Programming, Web Development, Algorithmic Design*
- GPA: 4.0

SKILLS (Bolded = More acquainted with)

VUE.js |**C#** |**JS** |**postgreSQL**|**Python**|Node.JS|REACT Native| Supabase|Firebase|OpenAI|

PROJECTS

ChoreTime | Founder & Developer 2023 - Present

- Launched a web application using Vue.js to allow families to create, assign, and track chores through an intuitive user interface.
- Built a user authentication system using Supabase Auth, enabling families to sign up and join shared dashboards.
- Supabase Postgres SQL to implement efficient data storage and retrieval with Row Level Security (RLS) for secure user and role-based access.
- Integrated real-time data synchronization for dynamic updates to family chore charts and progress tracking.
- Designed and deployed the backend in Node.js, ensuring scalability and performance.

GPTeacher (Student Use) |Founder & Developer 2023 - Present

- Developed a cross-platform mobile app (React Native) empowering students to transform handwritten notes into interactive flashcards.
- Implemented a robust CRUD database using (Supabase) to ensure secure and scalable data management.
- Testing integration of secure user authentication utilizing OAuth2 for seamless login experiences.

EXPERIENCE

BYU-Idaho, Gary Godderidge, Programming Teachers Assistant 2023 - 2024
- Proficient in advanced Python functions and classes, serving as a teacher in the introductory programming class.
- Instructed and mentored fellow students in Python programming, fostering their learning and understanding of the language.
- Assumed responsibility for conducting class lectures when the instructor was unavailable, ensuring uninterrupted learning experiences for students.
- Actively participated in weekly meetings to collaborate on strategies and interventions to support struggling students in the class.

ACHIEVEMENTS

2023 Hackathon Winner - Education Category

- Won the 2023 Hackathon at BYU-Idaho with a web app that converts handwritten notes into flashcards using Google Cloud Vision, OpenAI API, and Flask.
- Collaborated as a team of two and outperformed 25+ other teams of four from five other universities in the region.
- Transformed the project from Flask to Node.js and planned to launch it as a large-scale web app.