

Shuyu Wang

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Education

Web Application Development/Software Development, Bellevue College, Bellevue, WA Expected Dec. 2027
Bachelor of Applied Science, GPA 3.95

Computer Science, Borough of Manhattan Community College, New York, NY
Associate of Science, GPA 4.00 (Dean's List)

Skills

Frameworks	React (incl. React 9), React Native, Vite, Expo
Languages	JavaScript, Typescript, C#, Python, SQL, HTML5, CSS,
Databases	Supabase, Firebase
Tools	Git, Linux, AsyncStorage, React Query, Tailwind CSS, ESLint
Areas of Depth	Web development, Web performance, Mobile app development

Projects

Recipe App

- Built a cross-platform mobile application using **Expo** and **React Native**, featuring file-based routing and development environment setup across iOS and Android.
- Integrated **Supabase** as the backend-as-a-service to manage authentication, database operations, and persistent session handling.
- Implemented **React Query** for efficient server-state management, enabling real-time task data fetching, background refetching, and caching.
- Leveraged **AsyncStorage** to securely store and retrieve user authentication tokens locally, ensuring seamless offline access and persistent login states.

Travel Itinerary Planner

- Developed a responsive web application enabling users to create, manage, and share multi-destination travel itineraries with integrated weather and flight information.
- Implemented user authentication and data storage using **Firestore Authentication** and **Firestore**; ensured secure access control with database rules.
- Integrated **OpenWeatherMap** and **AviationStack APIs** to fetch real-time weather forecasts and flight details by destination.
- Designed mobile-first UI with **Tailwind CSS** and optimized performance using Vite.

Laundry to Go App Prototype Project

- Conducted user research to identify target customers and create customer personas to understand customer needs and challenges.
- Developed user stories based on customer pain points and translated them into detailed UX prototypes.

Experience

Growth Engineer Intern

Nov. 2023 – Jan. 2024

Verus, USA Remote

- Collaborated with UX designers and backend developers to implement a quiz-based wellness content engine, integrating dynamic rendering via **HTML/CSS/JavaScript** in a responsive front-end interface.
- Created interactive financial tracker dashboards with modern **JavaScript** frameworks to show key financial metrics, revenue/expense breakdowns, and real-time cash flow visualization.