

# 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

<b>Frameworks</b>	React (incl. React 9), React Native, Vite, Expo
<b>Languages</b>	JavaScript, Typescript, C#, Python, SQL, HTML5, CSS,
<b>Databases</b>	Supabase, Firebase
<b>Tools</b>	Git, Linux, AsyncStorage, React Query, Tailwind CSS, ESLint
<b>Areas of Depth</b>	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 **Firebase 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.