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	Supabases, Firebase
Tools	Git, Linux, AsyncStorage, React Query, Tailwind CSS, ESLint
Areas of Depth	Web development, Web performance, Mobile app development

Projects

FlashyMind App - *Cross-Platform Educational Mobile App | React Native, Expo Router, Supabase, Gluestack, NativeWind*
- Developed a cross-platform mobile app using Expo Router and React Native, implementing file-based routing with nested tab/stack navigation for seamless multi-screen transitions.
- Designed a hybrid styling system combining Gluestack UI, NativeWind/Tailwind CSS, and React Native StyleSheet, delivering a scalable, consistent, and responsive UI across platforms.
- Built a robust authentication system with session persistence, automatic token refresh, error boundary handling, and secure credential storage via AsyncStorage, ensuring a seamless user experience.
- Established an end-to-end testing framework with Jest and React Native Testing Library, covering unit, integration, and component testing—including mocks for auth flows and API calls—integrated into a reliable CI/CD pipeline.

Travel Itinerary Planner - *Responsive Web App | Firebase, Firestore, Vite, Tailwind CSS, OpenWeatherMap, AviationStack*
- 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.