Jia Hua (David) Wang

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EDUCATION

University of Illinois Urbana-Champaign　　　　　　　　　　　　May 2025 – May 2026
Master of Computer Science

University of California, San Diego　　　　　　　　　　　　Sep 2021 – Dec 2023
B.S. in Computer Science — GPA: 3.57

WORK EXPERIENCE

Coding Instructor　　　　　　　　　　　　　　　　　　　　Feb 2025 – Present
Code Ninjas　　　　　　　　　　　　　　　　　　　　　　　*Union City, CA*
- Coached **100+ students** in **Python** and **JavaScript**, developing strong coding and problem-solving skills
- Taught **3D Unity game development** in **C#**, resulting in **5+ student-built games in 2 months**
- Designed and delivered age- and skill-appropriate curricula to maximize student learning outcomes

Lead Developer　　　　　　　　　　　　　　　　　　　　May 2023 – Sep 2023
Weavers　　　　　　　　　　　　　　　　　　　　　　　　*Remote*
- Collaborated with a **cross-functional team of 15+ members** to create custom websites for clients
- Mentored novice developers in **HTML**, **CSS**, and **JavaScript** while introducing **Agile** development practices
- Implemented **Firebase** real-time database, cloud storage, and automated **GitHub** deployment workflows

Chief Technology Officer　　　　　　　　　　　　　　　　Sep 2022 – Apr 2023
Prolympia　　　　　　　　　　　　　　　　　　　　　　　*San Diego, CA*
- Led **Full Stack** development of a **React Native** app with a user-friendly UI aligned with product goals
- Developed a **FastAPI** backend in **Python**, with integration of **Firebase** and **PostgreSQL** databases
- Served as **Scrum Master**, **improving team efficiency by 90%** through **Agile** planning and sprint execution

Backend Developer　　　　　　　　　　　　　　　　　　Jun 2022 – Dec 2022
Prometheus Platform　　　　　　　　　　　　　　　　　　*San Diego, CA*
- Collaborated with a **team of 7 developers** to build a dedicated networking platform for financial stakeholders
- **Developed and maintained 50+ RESTful APIs in Golang**, collaborating closely with the frontend team to design **PostgreSQL** database schemas and HTTP request models

PROJECTS

TaskHero — AI Developer　　　　　　　　　　　　　　　Feb 2025 – Mar 2025
- Built an AI-driven scheduling and task management platform using **Next.js**, **Auth.js**, and **Tailwind CSS**, featuring an **AI agent** powered by **Google Gemini** for automated scheduling and analytics
- Optimized scalability and performance by integrating **MongoDB** and leveraging local storage

Where2Be — Full Stack Developer　　　　　　　　　　　Apr 2023 – Dec 2023
- Launched a **React Native** mobile app, reaching **2,000+ users** as a dedicated college events platform
- Built a **Starlette API** backend in **Python**, integrating a **Neo4j** database and **Docker** containers
- Created a dynamic website using **Next.js** and **Tailwind CSS**, improving user engagement and marketing

MoodGuru — Android App Developer　　　　　　　　　　Apr 2022 – May 2022
- Worked in a **team of 3 app developers** to design and build an Android app using **Kotlin** and **Android Studio**
- Selected as a **Top 10 Finalist** on CodePath 2022 National Demo Day to showcase the app to a national audience

TECHNICAL SKILLS

Languages
JavaScript, TypeScript, Python, Golang, HTML, CSS, C#, C, C++, Java, Kotlin, Swift, SQL

Frameworks and Databases
React, Next.js, React Native, Node.js, FastAPI, MongoDB, PostgreSQL, Amazon DynamoDB, Firebase, Supabase

Development Tools
VSCode, XCode, Android Studio, Unity, GitHub, Jira, Confluence, BitBucket, Docker, pgAdmin, Postman, Figma