

Jia Hua (David) Wang

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EDUCATION

University of California, San Diego

B.S. in Computer Science — GPA: 3.57

Sep 2021 – Dec 2023

San Diego, CA

EXPERIENCE

Full Stack Developer

Apr 2023 – Dec 2023

Where2Be

Remote

- Launched a **React Native** mobile app, serving as a dedicated college events platform with **2,000+ users**
- Built a **Starlette API** backend written in **Python**, integrating a **Neo4j** database and **Docker** containers
- Developed a responsive landing page using **Next.js**, driving user engagement and marketing for the app

Lead Developer

May 2023 – Sep 2023

Weavers

Remote

- Worked in a multi-functional team of 15+ UCSD students to create custom websites for student organizations
- Guided novice developers on coding **HTML & CSS & JavaScript** and applying **Agile** methodology
- Implemented **Firebase** real-time database, cloud storage, hosting, and deployment workflows

Chief Technology Officer

Sep 2022 – Apr 2023

Prolympia

San Diego, CA

- Led **Full Stack** development and acted as **Scrum Master**, resulting in a **90% increase** in team efficiency
- Created a **React Native** app that addressed market needs through iterative customer research and interviews
- Translated user requirements into a clear and intuitive UI in **Figma**, adhering to user-centered design principles
- Developed a **FastAPI** backend written in **Python**, with integration of **Firebase** and **PostgreSQL** databases for optimized data security and management

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**, following **Layered Architecture** pattern
- Coordinated with the frontend team to design **PostgreSQL** database schemas and HTTP request models

PROJECTS

MoodGuru

CodePath Android App Development

- Worked in a team of 3 app developers to create a mood-tracking Android app using **Kotlin** and **Android Studio**
- Showcased the app to a national audience as a **Top 10 Finalist** on the CodePath 2022 National Demo Day

Triton-Ware Minigame

UCSD Video Game Development Club

- Collaborated with a team of 4 to design and develop a UCSD-themed 2D game in **C#** and **Unity**
- Implemented core gameplay mechanics, ensuring smooth user interactions and creating engaging player experiences

TECHNICAL SKILLS

Languages

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

Frameworks and Databases

React.js, Next.js, React Native, Node.js, DynamoDB, PostgreSQL, NoSQL, Firebase

Development Tools

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