Jia Hua (David) Wang

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EDUCATION

University of California, San Diego   Sep 2021 – Dec 2023
Computer Science B.S.   *San Diego, CA*

De Anza Community College   Sep 2019 – Jun 2021
Computer Science   *Cupertino, CA*

TECHNICAL SKILLS

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

Frameworks and Databases
Tailwind CSS, React.js, Next.js, React Native, FastAPI, Starlette API, PostgreSQL, Neo4j, Firebase

Developer Tools
VS Code, GitHub, Jira, BitBucket, Confluence, pgAdmin, Postman, Heroku, Docker, Expo

EXPERIENCE

Full Stack Developer   Apr 2023 – Dec 2023
Where2Be   *San Diego, CA*
- Developed and published a mobile app in **React Native**, creating a center hub of college events gathered from 300+ social media sources and a platform for event management and analytics
- Utilized **Docker** containerization and **Neo4j** to create a scalable backend written in **Python** and **Starlette API**
- Designed and Developed a website using **Next.js** that serves as the landing page for the app

Lead Developer   May 2023 – Sep 2023
Weavers   *San Diego, CA*
- Worked in a multi-functional team of 15+ UCSD students to create custom websites for student organizations
- Mentored novice developers on basic web development tools including **HTML**, **JavaScript**, and **CSS**
- Set up **GitHub** project as well as **Firebase** database and storage, hosting, and deployment workflow

Chief Technology Officer   Sep 2022 – Apr 2023
Prolympia   *San Diego, CA*
- Led the development of a sports & social mobile app in **React Native**, contributing to the **Full Stack** and managing development team milestones and meetings
- Conducted customer research and interviews then translated user requirements into clear and engaging UI
- Built a scalable backend server in **Python** and **FastAPI** while leveraging **Firebase** and **PostgreSQL** databases to optimize data security and data manipulation for complicated operations

Back End Developer   Jun 2022 – Dec 2022
Prometheus Platform   *San Diego, CA*
- Collaborated with a team of 7 developers to implement a dedicated networking website for financial stakeholders
- Developed and maintained **50+ APIs** in **Golang**, following **Component & Service & DAO concepts** to create a scalable architecture, while conducting extensive testing and writing comprehensive documentation
- Coordinated with the front end team to design **PostgreSQL** database structure and HTTP request models

PROJECTS

MoodGuru   Apr 2022 – May 2022
CodePath Android App Development
- Worked in a team of 3 app developers to create a mood-tracking Android app using **Kotlin** and **Android Studio**
- Integrated **NLP** sentiment analysis tool to provide real-time analysis and categorization of user-generated content
- Optimized user experience by incrementally designing user stories, wireframes, and data models
- Showcased the app to a national audience as a **top 10 finalist** on the CodePath 2022 National Demo Day