

ZHICHEN XU

JUNIOR SOFTWARE DEVELOPER

CONTACT

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EDUCATION

2019 - 2023

UNIVERSITY OF CENTRAL FLORIDA,
ORLANDO, FL

- Bachelor of Science in Computer Science, May 2023
- GPA: 3.1

SKILLS

- Programming Languages: JavaScript, Python, Dart, Java
- Front-End Development: ReactJS, Flutter, HTML5, CSS
- Tools & Platforms: Git, Docker, Figma, VS Code, Android Studio
- Methodologies: Agile, Scrum
- Soft Skills: Problem-Solving, Teamwork, Communication, Quick Learner

LANGUAGES

- English: Proficient
- Chinese: Conversational

REWARDS

- Senior Design Project Semi-Finalist, recognized for innovative mobile application development (UCF, 2022).

PROFILE SUMMARY

Computer Science graduate with hands-on experience in front-end development using **ReactJS** and **Flutter**. Skilled in **Python**, **JavaScript**, and **Java** with a strong foundation in software engineering principles. Built applications integrating **APIs**, authentication, and **UI/UX design**. Bilingual in English and Chinese with proven teamwork and problem-solving skills. Eager to contribute as a Junior Software Developer.

RELEVANT EXPERIENCE & PROJECTS

Rostro Application (Team Project) **UCF, Orlando, FL**
<https://github.com/Face-Recognition-App-SD/frontend-Mobile>
Front End Developer **MAY 2022 - DEC 2022**

- **Developed** the front end of a medical mobile application focused on patient usability and secure access.
- **Built** the **facial recognition login interface** and connected it with **backend APIs** for authentication.
- **Created** supporting screens for **patient information display and updates**, designed for **Android devices**.
- **Implemented Flutter widgets** such as **forms**, **date/time pickers**, **alerts (RFlutter)**, and **animations** (e.g., **AnimatedContainer**, **AnimatedOpacity**) to enhance the user experience.
- **Integrated the Google Maps Flutter plugin** with features like **location display**, **navigation support**, and **autocomplete**.
- **Converted Figma design prototypes** into clean Flutter components, ensuring consistency with the provided UI/UX guidelines.
- **Conducted testing and debugging** on **Android Studio Emulator**, ensuring stable performance across different **Android versions**.
- Enhanced user experience by adding **loading indicators**, **error messages**, and **responsive layouts** for various Android screen sizes.

HandyMan Application (Team Project) **UCF, Orlando, FL**
<https://github.com/NaimShaqqou/HandyMan-COP4331>
Front End Developer **MAR 2022 - MAY 2022**

- **Developed** front-end UI components in **ReactJS** for a handyman service platform.
- **Integrated Google Maps API** for service search, enabling users to view provider locations and details.
- **Implemented login and email verification UI**, including **form validation**, inline feedback, and loading/error states.
- **Ensured responsive design** using **CSS**, optimized for desktop and mobile browsers.
- **Collaborated** with backend developers to connect authentication and service features.

Contact Management App. (Team Project) **UCF, Orlando, FL**
<https://github.com/MatthewMcK17/COP4331C-SmallProject>
Front End Developer **JAN 2022 - MAR 2022**

- **Created responsive web pages** using **HTML5** and **CSS**.
- **Implemented form validation** and **collaborated** with the backend team for **data integration**.