# Junhui (Will) Wen

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Having a four-year experience in Computer Science, I am eager to better the society as a future software engineer or full stack developer with my acute sense in problem-solving and strong self-management.

## SKILLS

- Programming Languages: **Java** (proficient); **C/C++**, **Python**, **SQL**, **R**, **HTML** (competent); **Javascript** (prior-experience)
- Technologies: Vue, React, React Native, Spring, Node.js, Unreal Engine, Android Studio, AWS

## EXPERIENCE

**CyberArchWarehouse Intern (Qualcomm Institute, CA)**              **Mar. 2023-present**

- Designed and implemented a custom **Unreal Engine** plugin capable of seamlessly uploading panoramic images from web URIs and dynamically rendering them onto spherical textures within the real-time environment.
- Gained expertise in setting up n-display using Unreal Engine, contributing to immersive visualizations and multi-screen display capabilities.

**Mobile App Tech Lead (Triple C at UCSD, CA)**              **Jun. 2023-present**

- Accelerated app load time by approximately 30% through the strategic implementation of async functions and marker clustering technique, delivering a highly responsive map interface for users.
- Demonstrated expertise in **React Native** for cross-platform mobile app development, delivering responsive and user-friendly interfaces on **iOS** and **Android** platforms.

**Web App Tech Lead (Triple C at UCSD, CA)**              **Jul. 2022-Jun. 2023**

- Established the tech stack for the Java Web project, which featured **Vue**, **AWS**, **SpringBoot**, **MySQL**, **Node.js**, and **CI/CD**, and guided members through the setup.
- Developed a Web crawler independently to collect periodically updated information from UCSD's career website, resulting in a high-level automation of manual tasks.

**Back End Developer (QTrade, Shanghai)**              **Jul. 2021-Aug. 2021**

- Collaborated with colleagues in completing data synchronization tasks over 100,000 pieces of data by executing **Java** programs that employed **SpringBoot**, **NACOS**, etc.
- Devised an integrated database query system based on **Spring** and **Mybatis** frameworks to understand the connection between the front end and the back end in a company.

## EDUCATION

**B.S. in Computer Science and Applied Mathematics**
**University of California San Diego, CA**              **Jun. 2023**

- GPA: 3.8 (top ⅕ of college)        Provost Honors (2019-2023)
- Experience: CSE tutor at UCSD; Tech Lead at UCSD Triple C
- Main courses: Data Structures & Algorithms, Web Client Languages, Software Engineering, OS, Computer Architecture, Database System, Machine Learning, AI, Probability and Statistics

## ACTIVITIES

- Rubik's Cube: 2*2, 3*3, 4*4, Pyraminx, Blindfold. National Rank: 3000+
- Team Sports: Tennis (HS Varsity Team captain), frisbee, soccer, badminton, etc.