

Zhiyuan Rong

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EDUCATION

University of California, Irvine

Bachelor of Computer Science and Engineering

Irvine, CA

2024-2027

WORK EXPERIENCE

Software Engineer Intern

1/2026 – Present

Inspur

Remote

- * work on updating and maintaining enterprise web applications built with **HTML, CSS, JavaScript, React, RESTful API**, and backend frameworks **Java/Spring Boot** and **SQL**
- * Improved backend performance by **restructuring RESTful API endpoints**, eliminating redundant database queries, and optimizing response handling, **reducing latency by 10-16%**
- * Participated in providing **cloud computing** solutions to **10+ client companies** using Inspur Cloud and multiple service models, including **IaaS, PaaS, and SaaS**.
- * Involved in the development of commercial software for companies and launch successfully

Full-Stack developer Intern

5/2025 – 10/2025

Yoster Electrical devices LLM

Jiangmen, China

- * Help company develop new commercial website for the products' introduction and description using **React.js, JavaScript, TypeScript, Node.js, Django** to greatly improve **UI/UX**
- * Increased backend request handling capacity by **2-3x** by migrating to Django and restructuring API architecture
- * Develop and improve the new generation capacitor box panel of the electric devices Using **Python and C++**, bridging software tools with electrical engineering requirements
- * Provide capacitor box layout graphs and projects for **5 companies**

Undeclare/Undecided Major Mentor

8/2025 – present

UC Irvine

CA, US

- * assist in developing and organizing fun, educational, social, and academic activities that help mentees engage with the UCI community.
- * Through regular contact with my mentees, I ensure they are supported and connected to relevant campus resources, I **help 3 mentees found their interested field** and enroll in the majors they targeted successfully

PROJECTS

Full-Stack Learning Management System (LMS)

Personal Project

- Designed and built a full-stack LMS using React, Next.js, and Django REST Framework, supporting instructor and student roles.
- Implemented course creation, chapter management, and rich-text lesson editing using Plate.js
- Deployed and tested the system locally with scalable backend architecture

PROFESSIONAL SKILLS

- Programming language: Python, JavaScript, Java, C++, JSX, SQL, MySQL
- Frameworks/Tools: React, Django, CSS, HTML, RESTful API, Node.js, UI/UX, Springboot, Spring, TypeScript, AWS, logic Circuit Design, Github, Linux, Pandas, Numby
- language: Chinese, Cantonese, English