ZHICHAO LIU

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PROFESSIONAL SUMMARY

A unsw student lived in Kingsford. My subject is Artificial Intelligence and my major of college is software engineer. I have a strong foundation in programming and am proficient in several coding languages, including Java, C++, and Python. I also have self-taught experience with Unreal Engine, however not so deep. In addition to my technique skills, I have completed coursework in machine learning, which provided me with a deep understanding of modern AI techniques.

SKILLS

- Language: Python (Advance), C++ (Advance), Java, JavaScript, CSS, HTML
- Frameworks: MFC, Flask, NodeJS, React.js, Qt
- Develop Tools: MySQL, Visual Studio, Visual Code, Anaconda, Git
- Coursework: Web Development, Desktop Application Development, Machine Learning, Game Design, Database Management System, Software Engineering Principle

EDUCATION

UNIVERSITY OF NEW SOUTH WALES
Postgraduate of Artificial Intelligence

Sydney, Australia
February 2024 – June 2025

- Completed coursework in the foundation of artificial intelligence, machine learning and block chain.

EXPERIENCE

SHANGHAI YONGAO ELECTRONIC EQUIPMENT CO., LTD
Client Engineer

Shanghai, China
February 2023 – April 2023

- Participated in the development of a system for recording and managing the distribution of electronic components to improve organizational efficiency.
- Utilized MFC with C++ to design and implement key features of the system.
- Collaborated with a team of engineers to analyze project requirements and deliver functional solutions within tight deadlines.
- Enhanced communication skills through frequent coordination with team members and stakeholders.
- Gained hands-on experience in team-based software development and problem-solving.

PROJECTS

CROWDFUNDING_DAPP

June 2024 – July 2024

- **Project Overviews**: Developed a decentralized crowdfunding platform that allows funders to create, manage, and fund projects securely using blockchain technology.
- **Key features**: Implemented Ethereum smart contracts to ensure transparent and automated fund management; Designed a secure user authentication system for project creation and funding; Enabled project owners to set funding goals, deadlines, and track progress in real-time.
- **My role**: Running several tests on the system to ensure that it can deliver the functionality perfectly, including check whether funders can issue a project successfully and retrieve the fund once the goal is achieved.

MODERN TEAM EVALUATION SYSTEM FOR COURSE WITH GROUP ASSESSMENT   Sep 2024 – Nov 2024

- **Project Overviews**: Our group will develop a modern, automated team evaluation website. When students have disagreements about group work, they can submit a form through this website, and the website will notify the teacher and other group members by email. The site will use some interfaces to collect data from GitHub and Jira and send it to the tutor as evidence.
- **Key features**: Reading CSV to the database; students, lecturers and tutors and log in the system through e-mail; group member who are not satisfied with the grade can issue a form; tutor can check reference from the third-party platform.
- **My roles**: Implement the functionality of reading CSV to the database and the front end of this page; get third-party API to get the contributions of all group members.

ELECTRONIC DEVICE MANAGEMENT SYSTEM

February 2023 – April 2023

- **Project Overviews**: Participated in the development of an electronic equipment management system to record and optimize the distribution of various electronic devices, improving organizational efficiency.
- **Key Feature**: Developed the system interface and core functionalities using MFC with C++; Integrated MySQL for database storage and retrieval operations, ensuring robust data management; Designed input forms with functionalities such as buttons and textboxes to streamline data entry processes.
- **My role**: Created the system's back-end and integrated it with database functionalities. Tested and debugged the system for performance and accuracy.

CERTIFICATE

IELTS: The overall is 7.0. 6.0 for speaking, 6.0 for writing, 7.5 for listening and 7.5 for reading.
NATIONAL COMPUTER RANK EXAMINATION LEVEL 2 CERTIFICATE: The overall is greater than 90