

# WONG SYUN

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## 🎓 EDUCATION BACKGROUND

**Sichuan Agricultural University (211 Project)** — China · Ya'an 2020.9 – 2024.6

*Bachelor* Computer Science and Technology

**University of Macao** — China · Macao 2024.8 – Now

*Master* Artificial Intelligence

## 🌐 CLUB AND ORGANIZATIONAL EXPERIENCE

**School of Information Engineering, SAU - Officer** 2020 · 9 – 2021 · 6

- Responsible for the operation of the college's public account, including writing and publishing tweets, etc.

**SAU Student Affairs Office Student Financial Aid Center - Assistant Manager and Study Committee Member** 2021 · 9 - 2022 · 6

- Responsible for sorting out matters related to the school's student financial aid policy documents, and responsible for the construction of class academic style, etc.

**SAU Academic Affairs Office College Student Incubator - Assistant Manager** 2022 · 9 - 2023 · 6

- Responsible for handling incubation activities related to college students' innovation and entrepreneurship

**Rhino (Shanghai) Co., LTD. - Full stack development engineer** 2023 · 11 - 2024 · 4

- Responsible for updating and iterating the company's 2D data annotation platform, optimizing the front-end compiler for 2D annotation, scene annotation, desensitization annotation and other annotation scenarios, and improving user experience through continuous optimization of user interface and functions. In terms of front-end projects, build with webpack and refactor with vite to improve project performance and development efficiency. Using advanced technologies such as subcontracting, front-end code is optimized for faster loading and better user response. In terms of team collaboration, git is actively used for version control to achieve collaborative development among team members and ensure the stability and maintainability of the project. Through continuous learning and application of new technologies, maintain the sensitivity of the front-end field, and promote the continuous innovation and development of the company's products.

## 👥 PROJECT EXPERIENCE

**1、User-based large language model agent recommendation system** 2023 · 3 – 2024 · 6

- **Role**: Full stack development engineer
- **Technology stack**: React、Redux、Axios、TypeScript、React-Router、Python、MySQL、ElasticSearch、Redis
- **Background**: The emergence of large language models has improved human-machine interaction efficiency and is significant for scenarios like e-commerce, consulting, and intelligent customer service. This paper introduces a user-based large language model agent recommendation system with B/S architecture. The front end uses React for a friendly interface. The back end is in Python, handling business logic. User data is stored in MySQL and Redis. Users can customize models online. The system extends knowledge through RAG for the service domain. It uses a collaborative recommendation algorithm to recommend models, providing AI customization services, promoting AIGC.
- **Description**: This project adopts a front-end and back-end separation architecture. The front-end uses React, Redux, React-Router, SemiDesign and other frameworks and UI libraries to complete page rendering.

The back-end uses Python's web framework - FastApi to complete RestFul style interface development, which is completed through MySQL. Data persistence.

## 2、Online examination system based on front-end and back-end separation 2022 · 6 - 2023 · 3

- **Role**: Full stack development engineer
- **Technology Stack**: Vue、Axios、Python、Django、SQLite
- **Background**: With the continuous development and digital transformation of the education field, traditional examination methods are gradually evolving into a trend of online examinations. The online examination system provides a more flexible, convenient, and customizable examination method, which not only saves time and resources, but also can better adapt to different learning and training needs. This project aims to develop an online examination system based on a front-end and back-end separation architecture, using Python as the back-end development language and Vue.js as the front-end framework to meet current needs.
- **Description**: This project adopts a front-end and back-end separation architecture. The front-end uses Vue to complete the basic rendering of the page. The back-end uses Python's web framework - Django to complete the development of the back-end interface. It requests data from the back-end through Axios and completes the rendering of page data. Use SQLite completes data persistence. By developing this project, we aim to provide the education field with a comprehensive and scalable solution to meet the growing demand for online examinations and provide students, candidates, educational institutions and training with a better educational experience and management tools .

## 3、Competition scoreboard system based on front-end and back-end Socket communication 2021 · 1 - 2022 · 6

- **Role**: Full stack development engineer
- **Technology Stack**: Vue、Socket、Python、Flask
- **Background**: In numerous competition and competition scenarios, scores, results, and other relevant information need to be tracked and displayed in real time. Traditional scoreboard systems often involve physical devices or stand-alone applications, and these systems may not be flexible, efficient, or able to accommodate customization needs.
- **Description**: This project adopts a front-end and back-end separation architecture. The front-end uses Vue to complete the basic rendering of the page, and the back-end uses Python's web framework - Flask. By using Socket communication technology, the front-end and back-end can share data in real time, including scores, timing, Grades and other information. This real-time communication method allows the scoreboard system to be quickly deployed and used in various game scenarios, providing a better experience for game organizers and spectators, while providing a powerful tool for game management and control. This project will bring more efficient, flexible and real-time scoring solutions to various competition and competition scenarios.

## 4、Face recognition apartment system based on front-end and back-end separation 2020 · 9 - 2021 · 1

- **Role**: Full stack development engineer
- **Technology Stack**: Vue、Axios、Python、Django、MySQL
- **Background**: With the continuous advancement of technology, facial recognition technology has been widely used in various fields, one of which is apartment and residential management. Traditional access control systems often rely on cards, passwords or keys, but these methods present security and management challenges. As a modern and efficient solution, the apartment system based on facial recognition can improve security, convenience and management efficiency.
- **Description**: This project adopts a front-end and back-end separation architecture. The front-end uses Vue

to complete the basic rendering of the page, and the back-end uses Python's web framework - Django. It requests data from the back-end through Axios to complete the rendering of page data. The goal of this project is to provide apartment management Providing a modern, efficient solution that improves security and convenience through facial recognition technology while providing better management and data analysis tools to meet the needs of residents and managers. This will bring a more intelligent, efficient and convenient access control system to modern apartment management.

## ⚙️ PROFESSIONAL SKILL

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- Proficient in FastApi, Flask, Gin and other mainstream web frameworks
- Proficient in using Vue and React, good at using UI frameworks such as ElementUI and SemiDesign
- Familiar with computer network, understand mainstream network security attack and defense technology and HTTP protocol
- Familiar with website deployment and operation, such as using Nginx to complete web page deployment on centos operating system
- Familiar with the Linux operating system and understand its common operation instructions
- Familiar with Git version control tools, including branch management, merge conflict resolution, fallback operations, etc
- Familiar with Docker containerization technology, with practical experience in container deployment, management, network configuration and volume management
- Familiar with Makefile writing, able to automate build and deployment processes and optimize workflows from development to deployment
- Familiar with common machine learning algorithms such as linear regression, logistic regression, decision trees and random forests
- Familiar with mainstream relational and non-relational databases, such as MySQL and Redis, have experience in SQL statement tuning

## ♥️ AWARDS

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National Scholarship	2019
Outstanding students in military training of Sichuan Agricultural University	2020
1st Prize, SAU School of Information Engineering Network Security Speech Contest	2020
1st Prize, World Chinese Essay Competition (China Division)	2020
1st Prize,Asia-Pacific Cup National College Student Mathematical Modeling Contest (China Division)	2021
1st Prize,Shuwei Cup National College Student Mathematical Modeling Competition (China Division)	2021
3rd Prize,The 7th China International "Internet+" College Students Innovation and Entrepreneurship Competition	2021
2nd prize,The First Sichuan Agricultural University ACM Competition	2022

## 👍 SELF-EVALUATION

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Think carefully and act steadily. Before making a decision, you will carefully consider all branches to try to make the best choice.

## 📄 OTHER

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- Foreign language level: English - CET6
- Driving license: Motor vehicle driving license - C1
- Computer Level: National Computer Level 3 - Network Technology
- Github: Lightweight, efficient, fast for Gowebsite development based on Gin framework
- Bilibili: @Baizard