

Zhang Mingjie

PERSONAL INFORMATION

Phone: +61 417875795 | email: mzha0323@uni.sydney.edu.au

EDUCATION

悉尼大学 | 悉尼

02/2025 – 02/2027

WAM : 85/100

Master of Computer Science

Major Courses: Data Structure and Algorithm (92), Database Management(82)

China University of Petroleum (East China) | Qingdao City, Shandong Province

09/2020 – 07/2024

GPA: 83/100

Bachelor of Software Engineering

Major Courses: Programming (Python) (85), Software Engineering (95), Data Analysis (Python) (93), Architecture-based Software Development(94), Software Process(91), Software Requirement(91).

PROJECT EXPERIENCE

Recommendation System | China University of Petroleum (East China)

02/2024- 07/2024

Capstone Project

- Designed and developed a recommendation system based on the previous comments by user, developing both merchant and user interfaces.
- The backend was built using the SSM framework, while the frontend was developed with Vue3. The algorithm component utilized the MindSpore package in Python for comment classification.
- Reviewed multiple research papers on text classification and completed the writing of a research paper. Eventually, the FastText model was deployed to perform text classification, achieving an accuracy of 90%.

Beijing PERCENT Technology Group Co., Ltd | Beijing City China

07/2023-10/2023

Machine Learning Internship

- Learned the basic structure of machine learning models and NLP models.
- Used pytorch to build up models like TextCNN, TextRNN for text classification, increased accuracy of dataset reaches to 92%.
- Labeled thousands of topic classification data entries for training.
- Fine tuned pre-train model and transferred learnings to the dataset.
- Read papers on state-of-the-art models structure like TART(a model for few-shot training) and demonstrated it to colleagues.

3D Organ Recognition Project | China University of Petroleum (East China)

02/2023-05/2023

Back end Developing

- Participated in the 3D medical data intelligent analysis platform project.
- Designed and developed the whole back end based on SSM framework (Java) and performed unit testing.
- Led the work of system requirement including function requirements, non-function requirements, system design including architecture selection, architecture design and function design.
- Deployed inference module(based on machine learning) to the system to label different parts(organ) of the image.
- Use Alibaba Cloud Server to deploy the whole back end and database.

Seaway | Beijing City China

08/2022

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Algorithm Engineering

- Trained algorithm skills by C++ for about 3000 lines of code.
- Did annotation work of training dataset about the damage of fence.

Bilibili Data Analysis | China University of Petroleum (East China)

05/2022-06/2022

- Developed a data analysis system, with the function of crawling the video information of bilibili (a video website in China) and analyze it.
- Used Python web crawling(requests and BeautifulSoup) libraries and developed a GUI interface.

SKILLS

- **Coding skills: Python, MATLAB, SQL, VUE, JAVA**
- **Other activities:**
 - **Football Team: won the championship of Shandong University Football League as the member of the university football team in 2020 and 2023. Awarded Outstanding Player in the Shandong University Football League in 2023.**
- **Fellowship:**
 - **College-level Sports and Cultural Scholarship in 2023.**
 - **College-level Comprehensive Excellence Scholarship in 2023.**
 - **College-level Academic Progress Scholarship in 2023.**