Zeyu Gan

18813067035 | zygan@ruc.edu.cn

SUMMARY

- Pursued a Bachelor's degree in Computer Science and Technology, complemented by a minor in Finance, showcasing a robust interdisciplinary knowledge background.
- Currently working towards a Master's degree in Computer Application Technology, concentrating on the field of machine learning, with successful completion of numerous related projects.
- Possess strong proficiency in programming languages such as C++ and Python, as well as familiarity with mainstream deep learning frameworks like PyTorch, demonstrating a solid technical foundation.
- Excel in communication and teamwork, with the ability to effectively collaborate with others in diverse environments to accomplish shared objectives.

EDUCATION

Renmin University of China 985   Sep 2021 - Jun 2024
Computer Application Technology Master School of Information   Beijing
Major Courses: Artificial intelligence, In-memory Data Management, Advanced Operating System, Operational Research and Optimization Theory, etc.

Renmin University of China 985   Sep 2017 - Jun 2021
Computer Science and Technology Bachelor School of Information   Beijing
Major Courses: Programming, Database System, Operating System, Data Structure, Principles of Computer Composition, Computer Networks, etc.

Renmin University of China 985   Sep 2017 - Jun 2021
Finance Bachelor Hillhouse Academy   Beijing
Major Courses: Microeconomics, Macroeconomics, Finance, Statistics, Big Data Analysis, etc.

HONORS & AWARDS

Postgraduate Scholarship for 2022 (Second Class)	Nov 2022
Postgraduate Scholarship for 2021 (Second Class)	Nov 2021
Outstanding Communist Youth League Member	June 2021
College Student Innovation Experiment Program-National Project	May 2019
ACM Individual Competition of School of Information, Renmin University of China (Third Class)	March 2018

RESEARCH EXPERIENCE

Superclass Learning with Representation Enhancement   Dec 2021 - Mar 2023
First Author DW&BI Lab, School of Information, Renmin University of China

This project investigates a novel issue in coarse-grained image classification, offering an efficient solution that employs supervised contrastive learning and self-attention mechanisms. Utilizing solely coarse class labels, we managed to enhance the classification accuracy. The associated research paper has been accepted for presentation at the prestigious international computer vision conference, CVPR 2023.

Breast Cancer Image Classification Based on Semi-Supervised Generative Adversarial Networks   Feb 2021 - Jun 2021
Author School of Information, Renmin University of China   Beijing

This project was completed as part of my undergraduate thesis. Building upon traditional generative adversarial networks, a positive and negative sample classification function was introduced for the classifier, enabling adversarial breast cancer image classification. This approach allows for direct processing of sample images without focusing on traditional features such as ultrasound image textures.

WeChat Group Fraud Detection based on Deep Learning   May 2019 - Jun 2020
Member School of Information, Renmin University of China   Beijing
This project was honored with a national-level grant from the College Student Innovation Experiment Program in 2019 and concluded with outstanding results in June 2020. The project focused on diverse chat data within WeChat group conversations, employing ensemble learning techniques to classify group chat categories and achieving an accuracy rate of over 90%.

COMMUNITY & ORGANIZATION

Student Union of Renmin University of China   Sep 2017 - Sep 2018
Publicity Department
- As an active member of the student union's publicity department, I took part in and led multiple campus initiatives, which included promoting campus photography themes and choosing topics for student union campaigns.
- I contributed significantly to the organization, coordination, and documentation of various events, such as the May 4th celebration and Freshman Orientation, among others.

Cyber News Service of Renmin University of China   Mar 2019 - Jun 2021
- Cyber News Service is affiliated with the school news center of the student organization, responsible for related activities of design and publicity.
- As a news agency member, I participated in or organized many topics and activities, including National Day 70th anniversary-related activities, graduation photography exhibition, etc.

MISCELLANEOUS

- **Skills:** PowerPoint, Excel, Word, Python, C/C++
- **Languages:** English (CET-6)
- **Interests:** Photography, Badminton, Tourism