

ZHUOYUN DU

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🎓 EDUCATION

Zhejiang University September 2024 – July 2027
Recommended Graduate Student Computer Science

Jinan University *Undergraduate* September 2020 – July 2024
Undergraduate Computer Science and Technology Rank 3 / 99

👥 PROJECT EXPERIENCE

Enhanced RFM Model with Innovative Clustering Method November 2021 – November 2023
Leader

This project **constructed the RFMT model based on the RFM model**, proposing a novel clustering algorithm for customer segmentation on time series, [paper](#).

Multi-Agent Cross-Team Collaboration November 2023 – June 2024
Leader

We introduced Multi-Agent Cross-Team Collaboration (CTC)! CTC can orchestra multiple customizable agent teams, obtaining insights from external and aggregating them into higher-quality content, breaking the closed nature of a single team. arXiv: [Multi-Agent Software Development through Cross-Team Collaboration](#)

Multi-Agent Collaboration Network November 2023 – June 2024
Member

This project introduced Multi-Agent Collaboration Networks (MacNet) . MacNet uses directed acyclic graphs for effective task-oriented collaboration among agents via linguistic interactions, supporting various topologies and over a thousand agents. arXiv: [Multi-Agent Collaboration Networks](#)

🏢 INTERNSHIP EXPERIENCE

Tsinghua University THUNLP November 2023 – June 2024
Research Assistant (RA)

During my time at the laboratory, I participated in research on multi-agent swarm intelligence based on [Chat-Dev](#), focusing on the cutting-edge field of improving the capabilities of multi-**large language models (LLM)** groups through cooperation and competition. The project has received over **24k stars** on GitHub.

🏠 CAMPUS EXPERIENCE

Student Union Social Practice Department September 2020 – September 2023
Student Leader

- Responsible for organizing **several large-scale campus activities with more than 2500 participants**, including the City Charm Competition and Corporate Express, in charge of event planning, publicity, venue arrangement, on-site coordination, and **article writing**, which received unanimous praise from teachers and students.

⚙️ SKILLS

- Mandarin (native language), **English (fluent, CET-6 598, IELTS 7.5, no barriers in listening and reading, easy communication and able to complete English writing well)**; programming languages: C/C++, Python, \LaTeX , and SQL.

🏆 COMPETITION HONORS

- Wu Yufu Science and Technology Innovation Competition **Gold Award**, National College Student Software Testing Competition **Provincial Award**, American College Student Mathematical Modeling Competition H Award, **3** Jinan University **Scholarships**, **Outstanding Student First-Class Scholarship for Graduating Class**, Jinan University Guided Senior, Tsinghua University Academic Salon Wall Scholar.

🔥 INTERESTS AND SPECIALTIES

- Hold a piano level 7 certificate, can play the guitar/electric guitar, and have a passion for music.
- Have won the **National Amateur Saber Fencing Champion**, and enjoy sports such as football (awarded multiple times), snowboarding, table tennis, and Chinese short weapon.
- Movies, music, reading, photography, passionate about literary and artistic activities and works, with a broad cultural literacy and aesthetic ability.

📖 SELF-EVALUATION

My greatest characteristic is my wide range of interests, which also makes my horizons broader, my thinking more active, and more creative. At the same time, I am self-disciplined, willing to pay, and curious about knowledge in my studies, which allows me to learn more and deeper knowledge from a long-term perspective. I have a wide range of interests and hobbies, which allows me to come into contact with and learn various different knowledge and skills. This not only enriches my life but also broadens my horizons, enabling me to have a broader vision and open way of thinking in my work.

My wide range of interests and hobbies also includes computer science. I maintain curiosity and enthusiasm for different fields of computer science. I like to learn new programming languages, new technologies, and new tools, and continuously apply them to practical projects. This keeps me continuously progressing and improving in the field of computer science.

In general, my broad interests and hobbies and self-disciplined learning attitude endow me with a broader vision, an open way of thinking, innovative thinking ability, and the ability to continuously improve my learning capabilities, all of which will help me achieve greater success in my studies.