

# KANG Jian

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## EDUCATION

Tianjin University	Tianjin, China   Aug. 2022-Jul. 2026
Major: Finance	Average Grade: <b>xx/100</b>

## ACADEMIC EXPERIENCE

Tianjin University A & DM Research Group	Jul. 2024-Present
Research Member	

- Mastered theoretical fundamentals of machine learning and deep learning; applied Python and PyTorch proficiently to practical implementations; developed the capability to build end-to-end machine learning pipelines and replicate classic deep learning algorithms;
- Participated in the cutting-edge GraphTimeLLM project, responsible for literature review, idea validation, and experimental framework construction, and contributed to the drafting of the academic paper.

National College Student Innovation and Entrepreneurship Training Program (Municipal-Level)	May 2024-May 2025
Project: Portable Cardiac Monitoring System Based on Distributed Deep Learning	

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| Group Member  |
| <ul style="list-style-type: none"><li>● Processed synchronized PPG and ECG signal pairs to prepare datasets for model training;</li><li>● Collaborated on building an Encoder-Decoder network, integrating channel attention gating mechanisms and residual networks to convert PPG signals to ECG waveforms;</li><li>● Developed a companion mobile app for cardiac monitoring, responsible for deploying the trained deep learning model to the mobile platform and contributing to the UI development.</li></ul> |

National College Student Innovation & Entrepreneurship Training Program (University-Level)	May 2023-May 2024
Group Member	

- Conducted in-depth background research by reviewing and summarizing 30+ papers in ecological econometrics and water diversion studies, identifying key agricultural water-saving factors based on empirical models to support subsequent analysis;
- Participated in defining research boundaries and authoring the project report, analyzing the relationship between water diversion operations and urban social, ecological, and economic factors within the SDGs framework;
- Assisted in constructing a Gross Ecosystem Product (GEP) accounting model to evaluate ecological value in cities along the water diversion routes.

## EXTRA-CURRICULAR ACTIVITIES

Associations	
Tianjin University TWT Studio	Sep. 2022-Present
Developer	

- Developed and maintained the official campus app “WePeiyang: Campus Hub for Tianjin University”;
- Improved user experience and contributed to the end-to-end development process of new functions;
- Assisted in organizing activities, including conducting technical training sessions and participating in the recruitment and interviewing of new members.

Innovation & Entrepreneurship Center of College of Economics and Management, Tianjin University	Sep. 2022-Jul. 2024
Head of General Affairs Department	

- Directed cross-functional planning and coordination to drive cohesive execution of all center operations and strategic initiatives;
- Led the organization of key events, including innovation training workshops and entrepreneurship salons;
- Served as the primary liaison to foster inter-departmental collaboration and maintain organizational relationships;
- Managed the center’s promotional efforts to enhance its visibility and engagement.

Activities	
AdventureX Hackathon 2025	Jul. 2025
Developer	

- Collaborated on application planning and product design for an innovative project;
- Developed the front-end for “DeepEureka”, an innovative application built on Agent Workflow, ensuring an interactive and responsive user interface;
- Awarded 1st Prize in the Paraflow Track, along with Excellence Awards in the Dify and Shared Computing Power tracks, and a Special Plugin Award for outstanding component design.

Core Member

- Handled end-to-end coordination of application updates on the support platform;
- Organized Q&A sessions for participating teams and managed logistical support throughout the competition schedule;
- Tracked and calculated team sales revenues on a regular basis.

Tsinghua SEM “Jinjing Ledao” Economic Analysis Competition (Tianjin Committee)

Sep. 2023-Mar. 2023

Tianjin Regional Coordinator

- Led the Tianjin regional committee operations, providing comprehensive support to over 180 participating teams;
- Served as the primary liaison to the host university, managing all external communications and judge invitations;
- Organized and executed the regional evaluation process for all competition entries, ensuring a fair and timely review;
- Managed post-competition procedures, including results announcement and appeal resolution.

AWARDS & HONORS

● National First Prize, 2024 National Innovation Competition of Industrial Engineering and Lean Management	Oct. 2024
● Second Prize, 2024 “JD Cup” Competition (全称? )	May 2024
● Award for Outstanding Work, Meituan Business Analysis Competition	Apr. 2024
● Third Prize (University Level), CMAU Market Research and Business Planning Competition	Jun. 2023

ADDITIONAL SKILLS

Technical Skills

- Python; C++ (proficient)
- SQL Server (proficient)
- Flutter cross-platform development (proficient)

Languages

- Chinese (Native); English (Fluent) with an overall IELTS score of 6.5