

JINGYING CHEN

🎓 Undergraduate Student

📞 (+86)19357571847

@ kkzyu@zju.edu.cn

🔍 Python & JavaScript

🌐 <https://kkzyu.github.io/>

🎓 EDUCATION

2022.08–Present | Zhejiang University | Information Management and Information Systems

📄 PAPERS

Mingyu Qi*, **Jingying Chen***, Yunlong Yang. *Optimizing Fresh Warehouse Networks Using MIP and SARIMA Forecasting. COCOON 2024 (CCF-B)*, 69–75. *Equal contribution.

- Addressed fresh warehouse network optimization using Mixed-Integer Programming (MIP) for static layout and SARIMA for order forecasting.

💬 RESEARCH EXPERIENCE

- | | |
|-----------------|---|
| 2025.04–2025.06 | Systematic sorting and visualization exploration of social media related research for CHI conferences – Mentor Prof. Yingcai Wu <ul style="list-style-type: none">➤ Key Member: Led the project and constructed a 3-tier hierarchical taxonomy (Content-Method-Platform) to structure massive unstructured bibliographic data.➤ Technical Contributions: Designed an interactive visual analytics system featuring multi-level Sankey diagrams and coordinated views. The system successfully revealed evolutionary trends and research gaps (e.g., intersection of ethics and algorithms) within the HCI community. |
| 2025.10–Present | Graduation Project: Explainable AI Text Detection for English Academic Papers – Mentor Prof. Siwei Fu <ul style="list-style-type: none">➤ Proposed a framework utilizing Multi-LLM collaborative annotation and human verification to construct a fine-grained dataset with hierarchical linguistic labels.➤ Developing a generative detection model designed to map statistical features to AI probabilities, outputting both detection results and interpretable reasoning reports to address the "black box" issue. |
| 2024.09–Present | Deep Learning for Multimodal Microscopic Tumor Cell Segmentation & Classification – Mentor Prof. Yongbin Ruan <ul style="list-style-type: none">➤ Key Member: Directed deep learning applications for early AI detection and cellular heterogeneity modeling within liver tumor microenvironments➤ Technical Contributions: Innovatively achieved high-precision cross-modal registration of H&E and multiplex immunofluorescence images, integrating proteomics data for accurate annotation of complex cell types in mouse bile duct sections; Led the fine-tuning and optimization of deep learning image segmentation models, successfully automating precise nuclear and cell membrane segmentation in tissue sections. |

🏆 Awards

2024.08	Grand Prize	4th Spark Cup Mathematical Modeling Elite League
2024.05	First Prize	22nd Zhejiang University Student Mathematical Modeling