

# Zhang-Qi Jiang

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## Education

### National University of Defense Technology (NUDT)

M.S. STUDENT IN SYSTEMS SCIENCE

Sep. 2023 - Present

Expected graduation Dec. 2025

- **GPA: 3.58/4.0** (up-to-date)
- Applied statistics & big Data Analysis Laboratory (AIDA Lab), Advisor: Assoc. Prof. Tingjin Luo

### Shanxi University (SXU)

B.S. IN INFORMATION AND COMPUTING SCIENCE

Sep. 2019 - Jun. 2023

- **GPA: 4.15/4.50**, graduate ranking: **1/22**
- **Honors:** First Prize Scholarship \* 4 (F'20, F'21, F'22, S'23)
- **Selected Courses:** Mathematical Analysis 2020 Fall (**97**), Advanced Algebra 2020 Fall (**100**), Probability Theory and Mathematical Statistics 2021 Spring (**95**), Numerical Analysis 2021 Spring (**96**), Ordinary Differential Equation 2021 Spring (**100**), Partial Differential Equation 2021 Fall (**99**), Real Variable Function and Functional Analysis 2021 Fall (**100**), Numerical Solutions for Differential Equations 2022 Spring (**99**).

## Research Experiences

### Pattern Learning and Mining (PALM) Lab, Southeast University, Advisor: Dr. Xu Yang

Jul. 2024 - Present

RESEARCH INTERN

- Researched on **Hallucination Mitigation** in image caption for open-source **Large Vision-Language Models**. [CVPR'25]

### Weakly Supervised Machine Learning Group, AIDA Lab, NUDT, Advisor: Dr. Tingjin Luo

Sep. 2023 - Present

RESEARCHER

- Researched on **Dual Incomplete of views and labels Problem (DIP)** in multi-view scenarios with **Graph Neural Networks**. [AAAI'24]
- Researched on **Adaptive Bipartite Graph Learning** for DIP.
- Researched on **Min-Max Optimization Framework** in graph fusion and **Tensor Learning** to recover incomplete graphs for DIP.

### Undergraduate Research, SXU, Advisor: Dr. Ziling Fan

Mar. 2021 - Jan. 2023

UNDERGRADUATE RESEARCHER

- Researched on **Integrating Multi-Omics data** to improve **Pan-Cancer Survival Prediction**. [Bioinform Adv]

## Selected Publications († indicates equal contribution.)

- [1] **Zhang-Qi Jiang**, Tingjin Luo, Xu Yang, Xinyan Liang, “**Adversarial Graph Fusion for Incomplete Multi-view Semi-supervised Learning with Tensorial Imputation**”. In *submission*.
- [2] Tingjin Luo<sup>†</sup>, **Zhang-Qi Jiang**<sup>†</sup>, Chenping Hou, “**Label Prompts Graph: Incomplete Multi-view Semi-Supervised Classification with Adaptive Graph Regularization**”. In *submission*.
- [3] **Zhang-Qi Jiang**, Junkai Chen, Beier Zhu, Tingjin Luo, Yankun Shen, Xu Yang, “**Devils in Middle Layers of Large Vision-Language Models: Interpreting, Detecting and Mitigating Object Hallucinations via Attention Lens**”. In *Proceedings of the IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 2025*.
- [4] **Zhang-Qi Jiang**, Tingjin Luo, Xinyan Liang, “**Deep Incomplete Multi-View Learning Network with Insufficient Label Information**”. In *Proceedings of the AAAI Conference on Artificial Intelligence (AAAI) 2024*.
- [5] Ziling Fan<sup>†</sup>, **Zhangqi Jiang**<sup>†</sup>, Hengyu Liang, Chao Han, “**Pancancer Survival Prediction Using a Deep Learning Architecture with Multimodal Representation and Integration**”. *Bioinformatics Advances*, Volume 3, Issue 1, 2023.

## Honors & Awards

**Reviewers**, Transactions on Image Processing, Pattern Recognition, Information Fusion

Apr. 2025 - Present

**First Prize Scholarship - for top 5% students (4 times)**, School of Mathematical Sciences at SXU

Fall'20, Fall'21, Fall'22, Spring'23