

Yihong Chen

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EDUCATION

University of Delaware

B.S. in Mathematics and Data Science

B.S. in Management Information Systems

Minor in Business Analytics

Aug 2021 - May 2025 (Expected)

GPA: 4.0/4

GPA: 4.0/4

Southwestern University of Finance and Economics

B.M. in Information Management and Information Systems

Sep 2021 - May 2025 (Expected)

GPA: 4.0, Ranked in top 10%

CONFERENCE PRESENTATIONS

Yihong Chen, Yimeng Dong, Daning Hu, Harry Wang. “Enhancing Business Research Analytics: A Demonstrative Application of GraphRAG.” Workshop on Information Systems and Technology (WITS), Bangkok, Thailand, 18-20 December, 2024.

Yihong Chen, Tao Wang, Shujing Wang, Yifei Tang, Qiqi Yu, Peijia Chen. “The Influence Mechanism of Self-endorsement of We-media Short Videos.” China Association for Information Systems (CAIS), Shanghai, China, 2-4 December, 2022.

WORKING PAPER

Yihong Chen, Xiao Qian, Shangjia Dong. “Large Language Models for Human Evacuation Risk Perception: Capabilities and Challenges”

Stage: Preparing for submission.

EXPERIENCE

Research Assistant, Disaster Research Center, Newark, DE

Aug 2024 - Present

- **Faculty Advisor**: Shangjia Dong
- **Research Topic**: Exploring the potential of Large Language Models (LLMs) to simulate human behavior in disaster scenarios.

Research Assistant, University of Delaware, Newark, DE

Aug 2024 - Present

- **Faculty Advisor**: Leting Zhang
- **Topics**: Cybersecurity, Risk Disclosure, Text Mining

Undergraduate Research Scholar, University of Delaware, Newark, DE

Jun 2024 - Aug 2024

- **Faculty Advisor**: Harry Wang
- **Research Topic**: Leveraging Retrieval-Augmented Generation (RAG) and Supervised Fine-Tuning (SFT) for business research analytics

Teaching Assistant, University of Delaware, Newark, DE

Jan 2024 - Jun 2024

- **MISY330: Database Design and Implementation**
Instructor: Leting Zhang, Class Size: 100
- **MISY667: Introduction to Generative AI (Graduate Course)**
Instructor: Harry Wang, Class Size: 30

SKILLS

Coding: Python (CUDA, Pytorch, etc.), Git Bash, SQL, C/C#, Java & HTML/CSS.

Documentation: LaTeX, Quarto, Markdown, Microsoft Office Suite.

Language: English (Proficient, IELTS 7.0), Mandarin (Native).

AWARDS AND FUNDING

Winter Fellow Award , University of Delaware, \$500	<i>Dec 2024</i>
Undergraduate Research Scholar , University of Delaware, \$4,000	<i>Jun 2024 - Aug 2024</i>
NSF Research Experiences for Undergraduates (REU) , \$3,500	<i>Jul 2024</i>
Industry Scholar Award , University of Delaware, \$3,000	<i>Jun 2024</i>
Dean's List , University of Delaware	<i>Every Semester at UD</i>
Research and Innovation Scholar , SWUFE, ¥500	<i>Nov 2022</i>
Scholarship for Innovative Talents , SWUFE, ¥2,000	<i>Oct 2022</i>
Academic Scholarship , SWUFE, ¥300 - ¥500	<i>Every Semester at SWUFE</i>

LEADERSHIP

UD Student Alumni Ambassador , University of Delaware	<i>Nov 2023 - Present</i>
President , SWUFE Fujian Alumni Association	<i>Jun 2022 - Jun 2023</i>
Principal French Horn , SWUFE Symphony Orchestra	<i>Sep 2021 - May 2023</i>