

Mengying Zhou

Assistant Professor

School of Computing and Artificial Intelligence

Shanghai University of Finance and Economics, China

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ACADEMIC WORK EXPERIENCE

•Shanghai University of Finance and Economics, Shanghai, China

2025.07–Present

School of Computing and Artificial Intelligence

Assistant Professor

EDUCATION

•School of Computer Science, Fudan University, China

2019.9-2025.6

Ph.D. Degree

Advisor: Prof. Xin Wang, Prof. Yang Chen

•Dept. of Engineering Systems and Services, TU Delft, Netherlands

2022.11-2023.11

Scholarship Visiting Student

Advisor: Prof. Aaron Ding

•School of Information Science and Engineering, Lanzhou University

2015.9-2019.6

Bachelor's Degree (with honor)

GPA:4.8/5.0 | Ranking: 1/190

PUBLICATIONS

- 1.Dewant Katare, **Mengying Zhou**, Yang Chen, Marijn Janssen, Aaron Yi Ding. *Energy-Aware Vision Model Partitioning for Edge AI*. The 40th ACM/SIGAPP Symposium On Applied Computing (**SAC'25**), 2025.
- 2.**Mengying Zhou**, Qianyu He, Bruno Abrahao, Xin Wang, Yang Chen. *Unifying Data Effectiveness Assessment in User Churn Detection: An Indicator-Assisted Framework*. Tsinghua Science and Technology (**TST**), 2024. [\[CAS/JCR Q1\]](#)
- 3.Dewant Katare, **Mengying Zhou**, Yang Chen, Marijn Janssen, Aaron Yi Ding. *Poster: Energy-Aware Partitioning for Edge AI*. The 8th ACM/IEEE Symposium on Edge Computing (**SEC'24**), 2024.
- 4.**Mengying Zhou**, Zhiyang Sun, Xin Wang, Yang Chen. *Demo: Enhancing the Networking Performance of IPv6 IoT Devices Using Machine Learning and IVI*. The 22nd ACM Conference on Embedded Networked Sensor Systems (**SenSys'24**), 2024. [\[CCF B\]](#)
- 5.**Mengying Zhou**, Tiancheng Guo, Yang Chen, Yupeng Li, Meng Niu, Xin Wang, Pan Hui. *Polygon: A QUIC-Based CDN Server Selection System Supporting Multiple Resource Demands*. IEEE/ACM Transactions on Networking (**ToN**), 2024. [\[CCF A\]](#)
- 6.**Mengying Zhou**, Yang Chen, Shihan Lin, Xin Wang, Bingyang Liu, and Aaron Ding. *Dissecting the Applicability of HTTP/3 in Content Delivery Networks*. Proc. of 44th IEEE International Conference on Distributed Computing Systems (**ICDCS'24**), 2024. [\[CCF B\]](#)
- 7.Tiancheng Guo, Yuke Ma, **Mengying Zhou**, Xin Wang, Jun Wu, Yang Chen. *SocialCache: A Pervasive Social-Aware Caching Strategy for Self-Operated Content Delivery Networks of Online Social Networks*. Proc. of 2023 IEEE International Conference on Communications (**ICC'23**), 2023. [\[CCF C\]](#)
- 8.Run Huang, **Mengying Zhou**, Tiancheng Guo, Yang Chen. *Locating CDN Edge Servers with HTTP Responses*. Proc. of ACM SIGCOMM (**SIGCOMM'22**), Demo Session, 2022. [\[CCF A\]](#)
- 9.Xuebing Li, Yang Chen, **Mengying Zhou**, Tiancheng Guo, Chenhao Wang, Yu Xiao, Junjie Wan, and Xin Wang. *Artemis: A Latency-Oriented Naming and Routing System*. IEEE Transactions on Parallel and Distributed Systems (**TPDS**), 2022, 33(12):4874-4890. [\[CCF A\]](#)
- 10.**Mengying Zhou**, Zheng Li, Shihan Lin, Xin Wang, Yang Chen. *FlexHTTP: An Intelligent and Scalable HTTP Version Selection System*. Proc. of 17th European Conference on Computer Systems (**EuroSys'22**) Workshop, 2022. [\[CCF A\]](#)
- 11.**Mengying Zhou**, Tiancheng Guo, Yang Chen, Junjie Wan, Xin Wang. *Polygon: A QUIC-Based CDN Server Selection System Supporting Multiple Resource Demands*. Proc. of the 22nd ACM/IFIP Middleware Conference (**Middleware'21**), Industry Track, 2021. [\[CCF B\]](#)
- 12.Jiaxin Tang, Yang Chen, **Mengying Zhou**, Xin Wang. *Deep Learning for POI Recommendation: A Survey*. Computer Engineering, 2021, 1000-3428.0061598. [\[CCF T2\]](#)
- 13.Xuebing Li, Yang Chen, **Mengying Zhou**, Xin Wang. *Internet Data Transfer Protocol QUIC: A Survey*. Journal of Computer Research and Development, 2020, 57(9):1864-1876. [\[CCF T1\]](#)

EXPERIENCE

| | |
|---|-------------------|
| •Baidu Internship | 2021.06 - 2021.09 |
| Network load balancing research and development engineer | Shanghai, China |
| •New York University Shanghai, Teaching Assistant | 2020.06 - 2020.12 |
| Network Analytics Courses | Shanghai, China |
| •Tsinghua University, Research Intern | 2019.07 - 2021.08 |
| Data-Driven Management Platform for Social Non-profit Organizations | Beijing, China |
| •Zhejiang University, Research Intern | 2018.07 - 2018.08 |
| Embeddings of Knowledge Graphs and Entity Descriptions for Cross-lingual Entity Alignment | Zhejiang, China |

SERVICES

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|---|--|
| •Program Committee | |
| China National Conference on Big Data and Social Computing(BDSC): 2023 | |
| •Technical Program Committee (TPC) Member: | |
| ACM Internet Measurement Conference(IMC): 2022(Shadow), EuroMLSys: 2023, 2024, 2025 | |
| •Reviewer: | |
| DASFAA(2020, 2023, 2024), IJCAI(2021, 2022), INFOCOMM(2023), ICDCS(2024), IWQoS(2020, 2022), CSCW(2020) | |

AWARDS & HONORS

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| •National University Open Data Innovation Research Competition First Price (2/198) | 2020 |
| •Outstanding Graduate, Lanzhou University (Top 1%) | 2019 |
| •IEEE ICNP Travel Grant | 2023 |