# Mengying Zhou

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## EDUCATION

•**School of Computer Science, Fudan University, China** *2019.9-Present*
*Ph.D. Student* 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. **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.

2. **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.

3. 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.

4. Run Huang, **Mengying Zhou**, Tiancheng Guo, Yang Chen. *Locating CDN Edge Servers with HTTP Responses.* Proc. of ACM SIGCOMM (SIGCOMM'22), Demo Session, 2022. **(First Place of the undergraduate division in ACM Student Research Competition)**

5. 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.

6. **Mengying Zhou**, Zheng Li, Shihan Lin, Xin Wang, Yang Chen. *FlexHTTP: An Intelligent and Scalable HTTP Version Selection System.* Proc. of the 2nd workshop on Machine Learning and Systems (EuroMLSys'22), co-located with EuroSys'22, 2022.

7. **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.

8. Jiaxin Tang, Yang Chen, **Mengying Zhou**, Xin Wang. *Deep Learning for POI Recommendation: A Survey.* Computer Engineering, 2021, 1000-3428.0061598.

9. 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.

## EXPERIENCE

•**Baidu Internship** *2021.06 - 2021.09*
*Network load balancing research and development engineer* Shanghai, China

•**New York University Shanghai, Teaching Assistant** *2020.11 - 2020.12*
*Network Analytics Courses* Shanghai, China

## SERVICES

•**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*

## AWARDS & HONORS

•**National University Open Data Innovation Research Competition** First Price (2/198) *2020*

•**Outstanding Graduate, Lanzhou University** (Top 1%) *2019*