

Mengying Zhou

Big Data and Networking (DataNET) Group
School of Computer Science
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EDUCATION

- **Dept. of Engineering Systems and Services, TU Delft, Netherlands** 2022.11-Present
Scholarship Visiting Student Advisor: Prof. Aaron Ding
- **School of Computer Science, Fudan University, China** 2019.9-Present
Ph.D. Student Advisor: Prof. Xin Wang, Prof. Yang Chen
- **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. 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.
2. 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)**
3. 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.
4. **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.
5. **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.
6. Jiaxin Tang, Yang Chen, **Mengying Zhou**, Xin Wang. *Deep Learning for POI Recommendation: A Survey*. Computer Engineering, 2021, 1000-3428.0061598.
7. 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** 2020.06 - 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

- **Program Committee**
China National Conference on Big Data and Social Computing: 2023
- **Technical Program Committee (TPC) Member:**
ACM Internet Measurement Conference: 2022(Shadow), EuroMLSys: 2023

AWARDS & HONORS

- **National University Open Data Innovation Research Competition** First Price (2/198) 2020
- **Outstanding Graduate, Lanzhou University** (Top 1%) 2019