

Mengying (Aerber) Zhou

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GitHub: <https://github.com/NullAerber>

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Education

2019.9 – now	Ph.D. Student School of Computer Science, Fudan University Advisor: Prof. Yang Chen
2019.6 – 2019.9	Visiting Student Department of Sociology, Tsinghua University Host: Prof. Jar-der Luo
2018.7 – 2018.8	Research Intern College of Computer Science and Technology, Zhejiang University Host: Prof. Weiming Lu
2017.7 – 2017.8	Summer Program IDG McGovern Institute for Brain Research at PKU
2015.9 - 2019.6	Bachelor Degree (with honor) Information Security, Lanzhou University GPA: 4.8/5, Ranking: 1/190

Research Interests

- User behavior analysis and modeling on multi-network
- Information Cascade

Publications

- X. Li, Y. Chen, **M. Zhou**, X. Wang. *Internet Data Transfer Protocol QUIC: A Survey*. Proc. of the 8th CCF Internet Conference of China (ICoC'19), Nanjing, China, Aug. 2019.

Projects Experience

Headlines Prediction Bases on Machine Learning

- Training a model to determine whether it is possible to become a headline.
- Creating three metrics: the speed of communication, the breadth of communication and the influence of the topic with micro-media and We Media data.

Understanding the Behavior Difference Varying Loyalty on Short-term Rent Platform

- Analyzing the behavior difference varying users with different loyalty to history hosts.
- Building a model to predict returning users based on the features from analysis.

Big Data-Driven Social Organizations Understanding

- Developing a mini-program to manager non-profile social organizations and collect data.
- Developing a system for social organizations to analyze activity from different aspects.

Awards, Honors

2019 Outstanding Graduate, Lanzhou University (Top 1%)

2018 Chinese National Scholarship, Lanzhou University (Top 1%)

2017 Chinese National Scholarship, Lanzhou University (Top 1%)

2016 First Class Scholarship for Outstanding Students in Lanzhou University (Top 5%)

Skills

Programming Languages: Python, C/C++, Java(Android), HTML/CSS, JavaScript, MATLAB

Deep Learning Framework: PyTorch, Tensorflow, Keras, Scikit-learn, XGBoost

Others: SNAP, NetworkX, SQL, LaTeX, Git

Campus Experience

2016 - 2017: The chairman of Open Source Community of Lanzhou University

2016 - 2017: The leader of Google Developer Groups of Lanzhou University