

# Mengying Zhou

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## EDUCATION

- 2019.9 - Present **Ph.D. Student**, *School of Computer Science*, Fudan University.  
Advisor: **Prof. Yang Chen**
- 2019.6 - 2019.9 **Research Intern**, *Department of Sociology*, Tsinghua University.  
Advisor: **Prof. Jar-der Luo**
- 2018.7 - 2018.8 **Research Intern**, *College of Computer Science and Technology*, Zhejiang University.  
Advisor: **Prof. Weiming Lu**
- 2017.7 - 2017.8 **Research Intern**, *IDG McGovern Institute for Brain Research*, Peking University.
- 2015.9 - 2019.6 **Bachelor's Degree (with honor)**, *Information Security*, Lanzhou University.  
GPA:4.8/5.0 | Ranking: 1/190

## RESEARCH INTERESTS

- User behavior analysis and modeling on multiple networks
- 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(ICoC19), Nanjing, China, Aug. 2019.

## RESEARCH EXPERIENCE

- Present **Understanding the Behavioral Differences Between Users with Different Loyalties on Airbnb.**  
Advisor: **Prof. Yang Chen**
- Analyzing the behavioral differences between users with different levels of loyalty
  - Building a model to predict returning users based on the selected features
- Present **Data-Driven Management Platform for Social Organizations.**  
Advisor: **Prof. Jar-der Luo**
- Developing a WeChat mini-program to manage non-profile social organizations
  - Developing a system for social organizations to analyze the activities of their members from different aspects
- 2018.9 - 2019.4 **Machine Learning-Based Headline Prediction.**  
Advisor: **Prof. Rui Zhou**
- Training a model to determine whether a news is possible to become a headline
  - Three metrics: the rate of propagation, the number of retweets and the influence of the topic

## 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%)

## TECHNICAL 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,  $\text{\LaTeX}$ , Git

## EXTRACURRICULAR EXPERIENCE

- 2016 - 2017 The chairman of Open Source Community of Lanzhou University
- 2016 - 2017 The leader of Google Developer Groups of Lanzhou University