# 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.

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

Advisor: Prof. Weiming Lu

#### **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 (ICoCâĂŹ19), Nanjing, China, Aug. 2019.

#### RESEARCH EXPERIENCE

# Present Understanding the Behavioral Differences Between Users with Different Loyalties on Airbnb.

Advisor: Prof. Yang Chen

- Analyzing the behavior difference betweenn users with different level 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 manager non-profile social organizations.
- Developing a system for social organizations to analyze the activity 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.

- Creating 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 Python, C/C++, Java(Android), HTML/CSS, JavaScript, MATLAB Languages

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

Others SNAP, NetworkX, SQL, LATEX, Git

Framework

# EXTRACURRICULAR EXPERIENCE

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

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