ZONGTAO LIU

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Room 301, ZeTong Building, Yuquan Campus, Zhejiang University, Hangzhou, China, 310027

EDUCATION

Zhejiang University *Aug. 2017 – present*

Master, Computer Science and Technology

Advisor: Yang Yang and Fei Wu

Zhejiang University *Aug. 2013 – Jul. 2017*

Bachelor, Computer Science and Technology

- **GPA:** 88/100
- **Major GPA:** 89/100

PUBLICATIONS

[1] **Zongtao Liu,** Yang Yang, Wei Huang, Zhongyi Tang, Ning Li and Fei Wu. How Do Your Neighbors Disclose Your Information: Social-Aware Time Series Imputation. In Proceedings of the Twenty-Eighth *World Wide Web Conference* (WWW'19)

[2] Yang Yang, **Zongtao Liu**, Chenhao Tan, Fei Wu, Yueting Zhuang, and Yafeng Li. To Stay or to Leave: Churn Prediction for Urban Migrants in the Initial Period. In *Proceedings of the Twenty-Seventh World Wide Web Conference* (WWW'18).

[3] Yang Yang, Chenhao Tan, **Zongtao Liu**, Fei Wu, and Yueting Zhuang. Urban Dreams of Migrants: A Case Study of Migrant Integration in Shanghai. In *Proceedings of the 32th AAAI Conference on Artificial Intelligence* (AAAI'18).

SELECTED AWARDS

Vmware Excellent Student Scholarship, 2018

Excellent Student Third-Class Scholarship, 2015-2016

Excellent Student Second-Class Scholarship, 2014

EXPERIENCES

Digital media Computing & Design Lab, Zhejiang University *Oct. 2016 – present*

Research Assistant

Advisor: *Prof.* Yang Yang and Fei Wu

- Proposed a uniformed framework to study the migrant integration in urbanization based on mobile communication networks and geographical information of locals and migrants, and formulate classification problems to predict whether a person is a migrant. (AAAI'18)

- Investigated migrants' behavior in their first weeks and how their behavior relates to early departure, and formulate a churn prediction problem to determine whether a migrant is going to leave based on his/her behavior in the first few days. (WWW'18)
- Proposed and implemented a time series imputation method that is based on a sequential encoder-decoder-based neural networks with an attention mechanism to combine social context and temporal context. (WWW'19)

Dept. of Smart Power, State Grid *Mar. 2018 – present*

Research Intern

Manager: An Wen

- Implemented an algorithm for detecting abnormal data records with EasyEnsemble method, which is a decision tree-based machine learning model to handle label imbalance.
- Proposed a LSTM-based time series prediction method by combining the information of daily features and time stamps.

SKILLS

Programming: C/C++, Python (PyTorch), Matlab

Language: Chinese (native), English (**CET-6** 576; **TOEFL** - Reading 22, Listening 25, Speaking 20, Writing 24)