刘宗涛

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杭州市西湖区浙江大学玉泉校区则通楼301室 310027

# 教育经历

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| **浙江大学** | *2017.8 – 至今* |
| 硕士研究生，计算机科学与技术 |  |
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| **浙江大学** | *2013.8 –2017.6* |
| 学士, 计算机科学与技术 |  |
| * **GPA:** 88/100 * **主修课程GPA:** 89/100 * **部分课程成绩:** 数据结构基础(95), 高级数据结构和算法分析(97), 计算机视觉 (97), 数值计算(97), 概率论和数理统计(98), 编译原理(92) | |

# 论文发表

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| 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) |
| 1. 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). |
| 1. 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). |

# 获得奖项

Vmware 优秀学生奖学金, 2018

优秀学生三等奖学金, 2015-2016

优秀学生二等奖学金, 2014

# 个人经历

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| **数字媒体计算与设计实验室** | *2016.11 – 至今* |
| *研究助理* |  |
| 导师: 杨洋，吴飞 |  |
| * 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) | |
| **智慧用能事业部，华云信息科技有限公司（国家电网）** | *2018.3 – 至今* |
| *实习生* |  |
| 主管：闻安 |  |
| * Implemented an algorithm for detecting abnormal data records with [EasyEnsemble](http://lamda.nju.edu.cn/code_EasyEnsemble.ashx?AspxAutoDetectCookieSupport=1) 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. | |

# 个人技能

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| **编程:** C/C++, Python (PyTorch), Matlab |
| **语言:** 汉语(母语), 英语 (**CET-6** 阅读232, 听力190, 写作154; **TOEFL** – 阅读 22,听力25, 口语20, 写作 24; **GRE** – 语文 152, 数学 170, 写作 3.5) |