

# ZHENKUN ZHOU

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## 🎓 EDUCATION

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- Beihang University**, Beijing, China 2015 – Present  
*Ph.D. candidate* in School of Computer Science and Engineering
- Beihang University**, Beijing, China 2014 – 2015  
*M.Sc.* in School of Computer Science and Engineering
- Tsinghua University**, Beijing, China 2014.3 – 2014.6  
*Intern* in Institute for Network Sciences and Cyberspace
- Civil Aviation University of China**, Tianjin, China 2010 – 2014  
*Undergraduate* in School of Computer Science and Engineering

## ♡ RESEARCH INTERESTS

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- Social media
- Behavioral analytics
- Machine learning

## 🎓 PUBLICATIONS

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- Zhou, Z., Xu, K. and Zhao, J.: Tales of Emotion and Stock in China: Volatility, Causality and Prediction, *World Wide Web* (2018) 21: 1093. [Online]
- Zhou, Z., Zhao, J. and Xu, K.: Can online emotions predict the stock market in china? In: *International Conference on Web Information Systems Engineering*. pp. 328-342. Springer (2016). [Online]
- Zhou, Z., Xu, K. and Zhao, J.: Extroverts Tweet Differently from Introverts in Weibo, arXiv:1703.06637, 2017. [Online] (*EPJ data science* under review)
- Zhou, Z., Xu, K. and Zhao, J.: Homophily of Music Listening in Online Social Networks, arXiv:1710.10642, 2017. [Online] (*Social networks* under review)

## 👥 WORK

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- Company of Warming Technology** 2014 – Present  
*Researcher and Big Data Engineer* in Intelligent Finance Group
- Symphony orchestra of Civil Aviation University of China** 2010 – 2012  
*Violinist*

## ⚙️ SKILLS

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- Programming: Python (excellent), Java, Go, C++, JavaScript, HTML, CSS and etc.
- Big Data\*: MongoDB (excellent), Elasticsearch, Hadoop, HBase, Hive, Spark

\*I have the rich experience in deploying and managing the big-data platform with over 20 data (HBase) and computing (Spark) nodes. This platform stores over 55TB of data and can process and analyze 20 million tweets for each day, including sentiment analysis and hot topic detection.