

# Xinze Zhang

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## Education

### HUST(Huazhong University of Science & Technology)

Wuhan, Hubei

#### School of Computer Science & Technology

Sep. 2016 - Feb. 2017

- Master Candidate of Computer Science, Minor, GPA 3.6/4.0
- Core Courses: Advanced Engineering Mathematics  $\supseteq$  Matrix Theory & Mathematical Statistics & Numerical Computer, Artificial Intelligence, Pattern Recognition, Knowledge Discovery & Data Mining, Big Data Technology, Heuristic Optimization

#### School of Management

Sep. 2015 - Jun. 2016

- Master Candidate of Professional Accounting, Major, GPA 3.8/4.0
- Core Courses: Financial Management Theory & Practice, Management Accounting Theory & Practice, Auditing Theory & Practice

### ZUEL(Zhongnan University of Economics & Law)

Wuhan, Hubei

#### School of Accounting

Sep. 2011 - Jun. 2015

- Bachelor of Accounting
- Core Courses: Accounting Theory, Intermediate Accounting, Enterprise Resource Planning, Accounting Experiment, Accounting Computerization

## Research Experience

### Research Assistant, with Prof. Shuqin Cai, School of Management, HUST

Sep. 2015 - PRESENT

- Combined syntactic structure analysis with vector space model, proposed a method for online complaints recognition.
- Considered the incorporation of knowledge, sentimental state and social degree, refined the expert recognition in handling online negative word-of-mouth.
- Participated in the construction of big data lab, composed the method of measuring Big Data Products as part of NSFC-2017 proposal.
- Constructed the research framework about measuring the value of big data products, based on the trading platform of big data products.

### Research Assistant, with Big Data Lab, School of Management, HUST

Mar. 2016 - PRESENT

- Realized the API of Positioning by referring the difference between the RSSI of multiple E-tag.
- Setup a Fully-Distributed Cluster based on Apache Hadoop 2.7.3, programmed a Naïve Bayes classifier under Map/Reduce framework.

### Research Assistant, with Prof. Lixia Luan, Department of PE, HUST

Apr. 2017 - May. 2017

- Designed a recommendation method of sports talents election, based on semi-supervised learning.

### Research Intern, with Prof. Tiejian Luo, School of Computer & Control, UCAS

Jun. 2017 - Jul. 2017

- Reviewed the End-to-End Learning for Negotiation Dialogues published by Facebook Artificial Intelligence Research.
- Ameliorated the TREC/QA Evaluation System for Intelligent Customer Service QA System.

### Research Intern, with Prof. Kun He, John Hopcroft Lab, HUST

Jul. 2017 - PRESENT

- Established an end-to-end accounting intelligent framework.
- Proposed a machine understanding method of accounting matters based on Word2Vec.
- Proposed an end-to-end accounting agent based on RNN with GRUs and Attention.

## Teaching Fellows

### Teaching Assistant, with Prof. Shuqin Cai, School of Management, HUST

Mar. 2016 - PRESENT

- Graduate Course: E-commerce Management
- Undergraduate Course: Management Information System Analysis & Design

### Teaching Assistant, with Prof. Shuangyuan Shi, School of Management, HUST

Sep. 2016 - Jan. 2017

- Undergraduate Course: Methods & Tools of Developing Information System (C#)

### Teaching Assistant, with Prof. Qianfan Zhang, School of Management, HUST

Sep. 2015 - Jan. 2016

- Undergraduate Course: Data Structure (C/C++), Database Technology & Application

## Engineering Experience

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### System Engineer, Hubei Huawei Intelligent Corp., Ltd, Wuhan, Hubei

Nov. 2016 - May. 2017

- Designed and participated in the development of a MIS for Wushu Competitions.
- Responsible for demand analysis, functional modular design, DB-table design, system test, etc.
- Independently developed the athlete register & check-in function of the system, based on RFID, realized the automatic management of athlete registration & Check-in.
- Undertaken the 2016 Hubei children's Wushu Competition, 2016 Hunan Wushu Competition.

### Departmental Secretary, BaiYangDiChan, Ltd, Xiangyang, Hubei

May. 2015 - Aug. 2015

- Assisted the chief of department on public relation management.
- Gained wider experience through social internship.

## Working Papers

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- Xinze Zhang et al. Expert Recognition of Online Negative Word of Mouth Processing Based on Support Vector Machine[J], Statistics and Decision, 2017(23).
- Xinze Zhang. A Method for Complaints Recognition Considering Syntactic Structure of Complaint -Problem-Word.
- Xinze Zhang. Debit and credit, end-to-end learning for accounting processing.

## Research Fund

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### National Natural Science Foundation of China

Jan. 2014 - Dec. 2017

- Based on Value Co-Creation, Research on the Management Methods and System of Online Negative Word-of-Mouth in Mobile Social Media.

### Research Fund for the Doctoral Program of Higher Education of China

Jan. 2014 - Dec. 2016

- Based on Value Co-Creation, the Knowledge Recommendation Research on Handling Online Negative Word-of-Mouth

## Honors & Scholarships

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2017	<b>National Scholarship</b> , Huazhong University of Science & Technology	Wuhan, Hubei
	<b>Theory &amp; Practice Scholarship</b> , Huazhong University of Science & Technology	Wuhan, Hubei
2016	<b>Merit Graduate</b> , Huazhong University of Science & Technology	Wuhan, Hubei
	<b>Excellent Athlete</b> , National College Wushu Championship	Lanzhou, Gansu
	<b>4th Place</b> , NanGun, National College Wushu Championship	Lanzhou, Gansu
	<b>6th Place</b> , NanQuan, National College Wushu Championship	Lanzhou, Gansu
	<b>1th Place</b> , NanQuan, Hubei College Wushu Championship	Wuhan, Hubei
2015	<b>Outstanding Dissertation</b> , Zhongnan University of Economics & Law	Wuhan, Hubei
	<b>3th Place</b> , NanQuan, Hubei College Wushu Championship	Wuhan, Hubei
2014	<b>People Scholarship</b> , Zhongnan University of Economics & Law	Wuhan, Hubei
	<b>6th Place</b> , NanQuan, Hubei College Wushu Championship	Wuhan, Hubei
2013	<b>People Scholarship</b> , Zhongnan University of Economics & Law	Wuhan, Hubei
2011	<b>First Prize</b> , Hubei Senior Mathematics League Match	Wuhan, Hubei

## Skills & Others

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<b>Programming</b>	Python, C#, SQL, C/C++, JAVA, Hadoop, RFID, LaTeX, Bash & Linux
<b>Wikipedia</b>	<a href="https://zh.wikipedia.org/wiki/Special:用户贡献/Xinze.zh">https://zh.wikipedia.org/wiki/Special:用户贡献/Xinze.zh</a>
<b>GitHub</b>	<a href="https://github.com/XinzeZhang">https://github.com/XinzeZhang</a>
<b>Languages</b>	English, Chinese
<b>Hobbies</b>	Wushu(specialty), Badminton, Reading