

YIHE YANG

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INTERESTS

- Software Development, Data Analytics

EDUCATION

University of Rochester

- M.S in Data Science
- Cum. GPA: 4.00/4.00

Sep'17-Dec'18

Beijing University of Posts and Telecommunications

- B.E in Telecommunication Engineering
- Cum. GPA: 3.30/4.00

Sep'13-Jun'17

SKILLS

- Python .Java .SQL .Javascript .Bash script
- Git .Apache .Vue.js .Node.js .MongoDB .Openstack

RELATED EXPERIENCES

University of Rochester | E-commerce auction system

- Sep.2017-Oct.2017 | New York, USA
- Skill used: **Javascript, Vue.js, Node.js, MongoDB**
- Implemented a Web server which use MongoDB and Node.js as server, and Vue.js as front end to build a shopping website.
- Designed and implement two features: online chat window and auction function.

University of Rochester | NBA Winning Prediction

- Oct.2017-Dec.2017 | New York, USA
- Skill used: **Python, Scikit-learn**
- Used Cluster and Frequent pattern method to analyzed the average data of NBA teams from 1985 to 2016.
- Used Classification and Regression methods to build model which predict the result of future NBA games with 85% accuracy.

Tsinghua University | Cloud platform system

- Jun.2016-Nov.2016 | Beijing, China
- Skill used: **Python, OPNFV, Openstack, Bash script**
- Implemented three kinds of virtual network function: Varnishd; Suricata; Ipsec VPN router on OPNFV cloud platform
- Designed flexible strategy and migration algorithm to auto re-allocate resources of physical server to virtual machine

Beijing University of Posts and Telecommunications |

Data compression and parallel computing for big data

- Designed frequency-based algorithm that optimized data compression and fast calculation under the condition of big data
- Presented results at ICCCI

PUBLICATION

- Yueqiu Sun, Xian Gong, Yihe Yang, 'Data Compression and Parallel Computation Model Research under Big Data Environment', accepted by 2017 **ICCCI**, Sri Shakthi Institute of Engineering and Technology, Coimbatore during 05-07, January 2017.