Shangyu Xie

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EDUCATION

University of Massachusetts Boston   Boston, US
PhD Student of Computer Science   Sept.2016–Now
Advisor: Prof. Bo Sheng
Shanghai Jiao Tong University   Shanghai, China
B.E in Electrical Engineering & Information Engineering   Sept.2012-Jun.2016
IEEE Honor Class   Advisor: Prof. Xinbing Wang

WORK & RESEARCH

Cisco Systems (Shanghai) R&D Center   Shanghai, China
Software Developer Intern, Tutor: Xin(Steven) Li, Sam Gao   Apr.2016-Jul.2016
- Set up a working platform on OpenStack (Liberty Version) (three control nodes, four compute nodes), including designing network topology, connecting physical wires with the servers and configuring operating system on machines.
- Set up one testbed (One control node and two compute nodes)independently to research on Neutron ML2 plugin part.
- Analyzed Python code of ML2 plugin, and research for function of specific plugins for Cisco server.

University of Massachusetts Boston   Boston, US
Docker Container Executor with Hadoop   Sept.2016–Now
Research Assistant, Advisor: Prof. Bo Sheng
- Set up the experimental environment on Cloudlab platform.
- Compile new Docker images, run YARN tests with Docker container, and analyze the logs.
- Research on container about resource allocation and schedule.

Shanghai Jiao Tong University   Shanghai, China
Academic Paper Recommendation   Feb.2016-Jun.2016
Project Website: http://acemap.sjtu.edu.cn/
Advisor: Prof. Xinbing Wang, Intelligent Internet of Things Center (IIoT)
- Used Open-source Tool Kettle to process the data crawled from the web.
- Took responsibility for the development of academic database, and try to deploy a new data warehousing solution on academic data.
- Finished Undergraduate Thesis, Research and Implementation of Academic Data Warehouse Based on Kettle.

HONOR & REWARDS

- *National Endeavor Fellowship*, Shanghai Jiao Tong University   2012-2013, 2013-2014
- *Honorable Mention*, Mathematical Contest In Modeling.   2015
- *Silver Medal*, Student Competition of the 2nd Global Grand Challenges Summit, Beijing.   2015

SKILLS & TECHNIQUES

- Language: English, Mandarin
- Programming: C/C++, Python, Java, R, FORTRAN, SQL/MySql
- Platform: Hadoop, Docker, OpenStack, CloudLab
- Others: Ubuntu & Linux, LaTeX, Microsoft Office, VIM