

Hao WANG

Contact Information

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Education

Shanghai Jiao Tong University (SJTU)
M.S. in Software Engineering

Shanghai, China
Sept. 2012 - Mar. 2015 (expected)

Shanghai Jiao Tong University (SJTU)
B.S. in Information Security

Shanghai, China
Sept. 2008 - Jul. 2012

Research Interest

Data Center Networking, Software Defined Network, Cloud Performance Tuning

Publications

- Hao Wang, Y. Zhao, H. Guan, "On Pricing Schemes in Data Center Network with Game Theoretic Approach," accepted by *IEEE ICCCN 2014*, Shanghai, China, August 4-August 7, 2014.

Experience

RESEARCH INTERN

Hong Kong University of Science and Technology, supervised by Prof. Kai CHEN

Hong Kong
2013.11-Present

- DCN load balancing with subflows in dynamic granularity. The endhosts split flows into subflows to balance load in multi-path DCN.
- OpenFlow performance evaluation when the number of flow rules is beyond TCAM capacity of the switch.

SOFTWARE ENGINEER

Ramy Tech Inc.

Shanghai
2013.06-2013.11

- One of the seven founders of AmyPI API Market, which is a platform that offers API search, API host, API pricing and API maintenance. AmyPI won Yunfeng Prize in 2013.

INTEL SSG INTERN

Intel Asia-Pacific Research and Development Ltd.

Shanghai
2011.12-2012.12

- Participated in the development of CloudScore, a performance assessing platform for IaaS Cloud system.
- Studied the methodology on performance assessing and tuning on OpenStack, as well as performance benchmarks including SPEC CPU 2006 etc.

RESEARCH ASSISTANT

National Undergraduate Innovation Program, Supervised by Prof. Xiaochao ZI

Shanghai
2009.11-2010.11

- Studied Linux Kernel and Linux system call mechanism.
- Designed and developed a tool to detect and defend buffer overflow attack, which captures Linux system call numbers and generates sequences.

Selected Awards

Yunfeng Prize, The 2nd Aliyun Cloud Computing Developer Competition (Top 1%)	2013
Second-Class Post Graduate Scholarship, Shanghai Jiao Tong University	2012
Third Prize, The 4th National College Information Security Contest	2011
Successful Participant Reward, Mathematical Contest in Modeling	2011
Second-Class Academic Excellence Scholarship, Shanghai Jiao Tong University	2009

Skills and Others

Project Experience: OpenFlow, OpenStack, AWS, Spark, Hadoop

Programming Language: Python, C/C++, Java, Scala, jQuery, HTML/CSS, \LaTeX

OS: Mac OS X, Linux, Windows

Volunteer, Journalist in World Expo 2010, Shanghai

2010.10

GNU/Linux Board Master, YSSY BBS, Shanghai Jiao Tong University

2010.07-2012.09