Hao WANG

Contact Information

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Education

Shanghai Jiao Tong University (SJTU)   **Shanghai, China**
M.S. in Software Engineering   *Sept. 2012 - Mar. 2015 (expected)*

Shanghai Jiao Tong University (SJTU)   **Shanghai, China**
B.S. in Information Security   *Sept. 2008 - Jul. 2012*

Research Interest

Data Center Networking, Cloud Computing Systems, SDN, Cloud Performance Tuning

Publications

- **Practical Information-Agnostic Flow Scheduling for Data Center Networks**
  Wei Bai, Li Chen, Kai Chen, Dongsu Han, Chen Tian, **Hao Wang**
  USENIX NSDI 2015, Oakland, CA, May 2015.
- **Explicit Path Control in Commodity Data Centers: Design and Applications**
  Shuihai Hu, Kai Chen, Haitao Wu, Wei Bai, Chang Lan, **Hao Wang**, Hongze Zhao, Chuanxiong Guo
  USENIX NSDI 2015, Oakland, CA, May 2015.
- **On Pricing Schemes in Data Center Network with Game Theoretic Approach**
  Hao Wang, Yangming Zhao, Haibing Guan
  IEEE ICCCN 2014, Shanghai, China, August 2014.

Experience

RESEARCH INTERN   **Hong Kong**
Hong Kong University of Science and Technology, supervised by Prof. Kai CHEN   2013.11-Present

- Flow prediction on distributed computing frameworks.
- Load balancing via flowlets in data center network.

SOFTWARE ENGINEER   **Shanghai**
Ramy Tech Inc.   2013.06-2013.11

- Co-founder of AmyPI API Market. AmyPI Market project won 2013 Yunfeng Prize funded by Aliyun Inc.

INTEL SSG INTERN   **Shanghai**
Intel Asia-Pacific Research and Development Ltd.   2011.12-2012.12

- Co-developer of CloudScore, a performance assessing platform for IaaS Cloud system.

RESEARCH ASSISTANT   **Shanghai**
National Undergraduate Innovation Program, Supervised by Prof. Xiaochao ZI   2009.11-2010.11

- Designed and developed a tool to detect Linux system call and defend buffer overflow attack.

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*