Chang Liwei

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OBJECTIVE

Technology Solution Professional

EDUCATION

M.S. Electronic and Communication Engineering *July 2013*
University of Electronic Science and Technology of China, Chengdu, Sichuan

B.S. Communication Engineering *July 2009*
Taiyuan University of Technology, Taiyuan, Shanxi

RESEARCH FIELDS

Cloud Computing, Virtualization, Network Virtualization, Datacenter Network

PROJECT EXPERIENCE

Research on Xen Performance Testing, *Key Laboratory of Optical Fiber Sensing and Communication, Ministry of Education*

August 2011 - December 2011

- Benchmark Xen Virtualization Performance under Different CPU Schedule
- Compile and Patch Linux Kernel 2.6x to Support Xen Hypervisor
- Benchmark Web Server to Measure Server Utilization

Development and Operation on OpenStack, *Key Laboratory of Optical Fiber Sensing and Communication, Ministry of Education*

February 2012 - Now

- Devopt Mulit-node OpenStack Architecture
- Monitor on OpenStack Cluster
- OpenStack Compute Node High Available Study, Using Pacemaker

Ryu Network Operation System in OpenStack, *IDC, Shanghai Jiao Tong University*

June 2012 - September 2012

- Devopt Ryu Network Operation System in OpenStack
- Research on Ryu OpenFlow Controller
- Implement with Ryu to Function GRE Overlay Network in OpenStack

Huawei-Quanutm VPN-TE Features Extension, *Huawei Technologies Co., Ltd*

September 2012 - January 2013

- Architecture Design
- Design of Quantum Plugin RESTful API Extension
- Development of Plugin and Document Management

SKILLS

Programming: C/C++, MatLab, SQL, Python, Bash Shell
Operating Systems: Windows, Linux(Ubuntu, RHEL,.etc)
Server Virtualization : Xen, KVM, VMware
Network : TCP/IP, OpenFlow, Open vSwitch

LANGUAGE ABILITY

CET-6, Fluent in Writing, Speaking, Reading and Translation

AWARDS AND HONORS

Master Scholarship, School of Communication & Information Engineering *2010*
Master Scholarship, School of Communication & Information Engineering *2011*