

Chang Liwei  
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## OBJECTIVE

Technology Solution Professional

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## EDUCATION

<b>M.S. Electronic and Communication Engineering</b> <i>University of Electronic Science and Technology of China, Chengdu, Sichuan</i>	<i>July 2013</i>
<b>B.S. Communication Engineering</b> <i>Taiyuan University of Technology, Taiyuan, Shanxi</i>	<i>July 2009</i>

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## RESEARCH FIELDS

**Cloud Computing, Virtualization, Network Virtualization, DataCenter Network**

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## 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 Multinode 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-Quantum 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

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## SKILLS

**Programming:** C/C++, MatLab, SQL, Python, Bash Shell  
**Operating Systems:** Windows, Linux(Ubuntu, RHEL, etc)  
**Server Virtualization :** Xen, KVM, VMware

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## LANGUAGE ABILITY

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

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## AWARDS AND HONORS

<b>Master Scholarship</b> , School of Communication & Information Engineering	<i>2010 - Spring 2011</i>
<b>Master Scholarship</b> , School of Communication & Information Engineering	<i>2011 - Spring 2012</i>