



Lei Jiang

Curriculum Vitae

"Knowledge is Power" - Francis Bacon

Education

2011.9

Masters of Computer Science and Technology, *Beijing University of Posts and Telecommunications*, GPA – 82.

2007.9-2011.7

Bachelor of Computer Science and Technology, *Beijing University of Posts and Telecommunications*, GPA – 89, Top 5%.

Outstanding Graduates

Experience

Internship

2011.5-2012.2

Intern Developer in Test, *Baidu Inc.*, Baidu Map GIS Test.

Baidu Map GIS Test team is in charge to test related to GIS engine such as route planning, static map image generation, etc.

- Took charge of the Testing of **Inter City Traffic**, participated throughout design, development, testing and deployment.
- Developed the minimal test datasets generator of Bus Route Planner(BRP) and Inter-city Route Planner(IRP), with CodeIgniter(PHP) and Python.
- Maintained testcases for BRP and IRP, set up CI environment and wrote CI scripts.
- Nominated as Outstanding Intern, received the **Cutest Intern** award.

Projects

2012.2-Present

Yunhai 3.0, *Team Leader*, A Hybrid Cloud Platform.

The Yunhai is a hybrid cloud-computing platform providing PaaS and IaaS services at the same time. We used Jetty to provide Java Web applications and libvirt for VM hosting, Nginx is used for app routing and load balance.

- As team leader, design the new underlying architecture.
- Developed the common utils and several modules.
- Experimented with Hudson and Chef for continuous integration and automated deployment.

2012.10-2013.1

Freesearch, *Participant*, A SV mode search engine.

The Freesearch is search engine that used for internal usage, instead of crawling the content itself, the search engine provide API for developer to submit the content, it also providing storage capability with developer-defined tags.

- Participated in system design, developed the prototype of storage module on HBase.

2011.3-2012.7

Taurus, *Participant*, An IMS Vulnerability Maintenance System.

The system found the vulnerability of the IMS by analysing the packet SBC receives.

- Participate in system design, and developed Manager and Log Analyser modules, Java, Python, RabbitMQ are used.

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Computer Skills

Development

Language Java¹, Python¹, C², PHP², C#³, Shell/Bash³, C++³, Ruby³
Framework Struts 2², Flask³, CodeIgniter³
Web HTML/XHTML², CSS², Javascript³
Database MySQL², HBase²
Tools Redmine¹, Hudson², Maven², GitHub²
Editing L^AT_EX³, Office², Markdown²
Code Git², SVN¹
Management

System and Network Administration

OS GNU/Linux(Ubuntu/RHEL/Arch)¹, Mac OSX², Windows²
Web Server Apache², Nginx², lighttpd³
Virtualization libvirt¹, KVM², Xen³
Network iptables², ebtables², named³
Monitoring & Chef², DevOps², ganglia³
Deployment

Honor and Awards

Honors

2012 SKLNST⁴, BUPT⁵ **Outstanding Student, Second Class**
2011, 2012 BUPT **Second Class Scholarship**
2011 BUPT **Outstanding Graduates**
2009, 2010 BUPT **First Class Scholarship**
2008 BUPT **Second Class Scholarship**

Awards

2010.7 Freescale Cup Intelligent Car Racing **Secondary Prize in North China Area**
2010.2 Mathematical Contest in Modeling **Honorable Mention**
2009.9 Mathematical Contest in Modeling **Secondary Prize in Beijing District**

Languages

English **CET-6 529**

Interests

- Photography
- Running
- Cooking
- Reading

¹Familiar

²Less familiar

³Learn about basic usage

⁴State Key Laboratory of Networking and Switching Technology

⁵Beijing University of Posts and Telecommunications