

# Ju Lin *February 11, 1991*

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## Summary

Ju Lin has a wide knowledge of web application, Networking. He is a passionate learner with endless DevOps and system administration. He is an expert curiosity and enjoys jumping out of the comfort zone. in Python Programming, Operating System, and Unix

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## Experience

### Liwushuo

BEIJING, CHINA

#### Tech Lead, Software Engineer

May '2015 – Current

- Project leadership and management. Capable of leading high performing teams under tough deadlines, to meet expectations of multiple customers externally or internally.
- System administration, maintaining configuration of Nginx, supervisord, gunicorn, etc.
- System architecture, developing gateway and message queue application to improve the scale and performance of the entire system.
- Migrated JPEG to WEBP, reducing 75% CDN bandwidth.
- Developed a fully functional e-shop web application that drove 1k+ orders every day.

### Douban Read

BEIJING, CHINA

#### Product Development Engineer

Apr '2013 – March '2015

- Designed and implemented a new version of robust, testable, document-autogen API, reducing network calls by 30%.
- Extracted ORM manipulation with built-in cache mechanism, reducing model codes by 30%.
- Wrote hundreds of py.test fixtures making testing much more readable. There were several types of tests: unit test, api test, ajax test, integration test based on selenium, thrift service test, python lint, etc. Improved code coverage by 20%.
- Maintained Jenkins CI system.

### Douban Book

BEIJING, CHINA

#### Product Development Engineer

Jun '2012 – Apr '2013

- Participated on the rebuilding & refactoring process of book.douban.com which used by millions of users everyday. Decoupled this system from a monolithic one to archive independent deployment.
- Replaced PTL template engine with Mako. Thousands lines of code fewer, and smoothly released without breaking anything.
- Implemented a system synchronizing product price and inventory from almost all book e-shops in China, such as AmazonCN, Jingdong, Dangdang, etc. There are nearly 16+ million subjects updating every day.

*Please refer to my [Linkedin profile](#) for the complete list of work experience and references.*

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## Education

Jimei University

AMOY, CHINA

#### Bachelor Degree in Software Engineering

2008 – 2012

Programming languages (C#/Java), Focussed on computer science(Data Structure/Algorithm), Robot simulation(Graphic/AI) and the semantic web technology stack (JSP/.NET/MSSQL).

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## Skills

**Natural languages:** Mandarin Chinese(*mother tongue*), English (*full professional proficiency*).

**Computer languages:** Python(*Master*), Javascript(*Master*), Java(*prior experience*),

**Operating System:** Linux (*expert in scripting, writing configurations*), OSX (*expert, using it everyday*).

**Technical specialties:** Routine system health monitoring, patching, upgrading. Profiling system bottleneck. Software design and implementation, with(in) a team. Solid knowledge of web technologies: Front end stack(React, Angular), RESTful API, Continuous Integration(Jenkins), System Administration and DevOps(ansible, docker).