

# Qijiang FAN

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## Resume

### Experience

- Oct 2015 **Software Engineer**, *Google*, Munich, Germany.
  - Present Works on Chrome OS Enterprise and Android Enterprise.
- Nov 2014 **Security Engineer Internship**, *Beijing Changting(Chaitin) Technologies Co., Ltd*, Beijing, China.
  - Feb 2015 Develops a semi-syntax analysis based SQL Injection detection module. This project has been presented at Black Hat Conference Arsenal Section in Aug 2015.
- Jul 2013 **Junior Research Assistant**, *The Chinese University of Hong Kong*, Shatin, Hong Kong.
  - Aug 2013 Improves an integrated platform of online social network and decentralized social network.  
Develops a performance measurement framework for decentralized social network mentioned above.

### Education

- Sep 2011 **Undergraduate**, *Huazhong University of Science and Technology*, Wuhan.
  - Jun 2015 Majors in Computer Science and Technology. Received a bachelor of engineering degree.

### Technical Skills

Python, C, C++, PHP, Java, MPI, MySQL, MongoDB, Git, Shell Programming, Linux, Erlang, and Intel Xeon Phi Programming

### Projects

- Nov 2015 **Chrome OS**.
  - Dec 2015 Adds enterprise policy to allow enterprise manager to disable specific network technologies or set a Wi-Fi E-SSID whitelist for company managed Chrome OS devices.
- Dec 2014 **Erlang/OTP**, *A programming language for scalable soft-realtime systems by Ericsson*.
  - May 2015 Adds SNI server support for Erlang/OTP's own SSL module. It has been introduced since OTP 18.0 release.
- Feb 2014 **Flockly**, *Facebook Singapore Hackathon Project*.  
A graphical programming app to improve your Facebook workflow based on Google Blockly. It generate a python code from the Google Blockly XML to run user's program.
- Nov 2013 **ibcp**, *China Student RDMA Programming Competition Project*.  
Fast file copy using RDMA over Infiniband. It takes advantages of low-latency high-bandwidth Infiniband network to copy files. The basic strategy is to use double-buffer technique, and to merge small files.
- Jun 2009 **Orz Online Judge**.
  - Jun 2011 A cross-platform, secure, and extendable (plugins and themes) online judge system for programming contest. It uses chroot, low-privileges user, ptrace, and several RLIMIT to run compiler and user's program securely. For web security, a self-implemented database abstract layer and DOM validation is used.  
More on Github: <https://github.com/fqj1994>

### Competitions

- Apr 2015 **Ranked 1st**, *Alibaba Security Technology Competition (ALICTF)*, Hangzhou, China, Team: Xiangmixiaozu.
- Aug 2014 **Ranked 5th**, *DEF CON 22 Capture the Flag*, Las Vegas, NV, USA, Team: blue-lotus.
- Jun 2013 **Highest Linpack**, *Student Cluster Competition of International Supercomputing Conference*, Leipzig, Germany.