Zhuo Zhang

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Education

- **Tsinghua University** — Beijing, China
  BEng in Computer Science;Major GPA:88/100 — Aug 2011 – June 2015
  - **Honors:**
    * Zhang Minghua Integrated Scholarship (20%)
    * Scholarship for New Applicants (20%)

- **Tsinghua University** — Beijing, China
  Bachelor of Economics;Double Major — Sept 2012 – June 2015

- **The University of Hong Kong** — Hong Kong, China
  BEng in Computer Science;Exchange Student — Aug 2013 – Dec 2013

Experience

- **China Mobile Research Institute** — Beijing, China
  IT Specialist Intern — June 2013 – Aug 2013
  - Designed IM protocols based on XMPP, SIP/RCS, EAS for mobile clients
  - Gave a lecture on Android architectue and development to the Product Team
  - Written a script for the team to automate some workflow, saving much time for other team members

- **Sunshine Library Rural Digital Education Initiative** — Beijing, China
  Web Developer — March 2013 – June 2013
  - Setup a daemon for synchronizing files between several servers with Node.js and RabbitMQ
  - Added some features for the project on file handling in Ruby on Rails, refractored code to get better flexibility and extensibility
  - Configure enviroment for new servers to work with the cluster

Skills

Experienced: C, C++, Python, SQL; Linux utilities, Mysql

Familiar: Bash, Haskell, Java, Javascript; Rails, Django, Nodejs, MPI, Unix Programming; Git, JVM

Intermediate: C#, Matlab; Hadoop, GPGPU, STM

Projects

Hubby: A distributed lock service written in Haskell. It is based on the paper *Paxos Made Practical* and Chubby Project. It provides fault-tolerant course-granted advisory lock.

Gyro: A mobile multi-player RPG game. I implemented the backend for communication between user with Node.js framework and long-polling.

Yaoyaobus: A website for bus information query. I crawled the bus information of Beijing in graph traversing style, then build a simple CMS located in Sina App Engine for these data with Django.