Zhuo Zhang

1704B, Starr Hall, 91B Pok Fu Lam Rd, Hong Kong

mycinbrin@gmail.com

(+852)64392758 +(86)18600162706

Education

Tsinghua University — Beijing, China

- *BEng in Computer Science* — *Aug 2011 – Jun 2015*
  Bachelor of Economics, Second Major — *Sept 2012 – Jun 2015*
    - **Major GPA: 88/100**
    - **Honors:**
        * Zhang Minghua Integrated Scholarship (20%)
        * Scholarship for New Applicants (20%)

- **The University of Hong Kong** — Hong Kong
  Exchange Student in Computer Science Department — *Aug 2013 – Dec 2013*

Experience

- **China Mobile Research Institute** — Beijing, China
  IT Specialist Intern — *Jun 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 workflow, saving time for other team members

- **Sunshine Library Rural Digital Education Initiative** — Beijing, China
  Web Developer — *Mar 2013 – Jun 2013*
    - Setup a daemon for synchronizing files between six servers with Node.js and RabbitMQ
    - Added features for the project on file handling in Ruby on Rails, refractored code to get better flexibility and extensibility
    - Configured 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* — *Oct 2013*
  A distributed lock service written in Haskell, which is based on the paper *Paxos Made Practical* and the Chubby Project. It provides fault-tolerant course-granted advisory lock.

- *Gyro* — *Apr 2013*
  A mobile multi-player RPG game. I implemented the backend for communication between user with Node.js framework and long-polling.

- *Yaoyaobus* — *Nov 2012*
  A website for bus information query. The bus information of Beijing was crawled and stored to built a simple Content Management System located in Sina App Engine. It was built with Django.