Rizhen Zhang

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Objective

I'm a first-year M.S. student and want to find an intern position during 2014 summer. I am interested in web development, mobile development, operating system, network and distributed system.

Education

Expected June 2015	Master of Science in Computer Science, UC San Diego, GPA: 3.5 / 4
June 2013	Bachelor of Engineering in Software Engineering, Nanjing University, GPA: 89.6 / 100

Internship & Employment

Current
Nov 2013 - Now

Part-time Job at San Diego SuperComputer Center, San Diego
I am now helping maintain a project called CIPRES Science Gateway. It enables researchers to analyze large phylogenetic trees on the supercomputer and take advantage of high performance computing.

Dec 2012 - June 2013

Internship at Qiduo Tech Inc., Nanjing
I am responsible for the Android clients of two products. I build them from scratch. One is a cloud notebook client and the other is a cloud task manager client.

July 2012 - Sep. 2012

Summer Intern at eBay COE China, Shanghai
I am responsible for the web application of a project, "Global View". And I also redesigned the web interface for the project. This project is for monitoring analysis tasks in eBay.

Projects

Since Aug. 2013

SGit   **Available in Google Play Store and iTunes Store**
It is an unofficial Git client for Android. It now gets about **4.4** average rating and over **7000** total installs in Google Play Store. It can clone from remote repositories, check out branches, merge branches, make changes, push changes to remote and some traditional features of Git. It supports Http/Https/SSH protocol (except private key with passphrase). The iOS version also available on iTunes store now.

Jan. 2014

MessageHook-OpenFire   **A hackathon project**
This project is for a hackathon contest. It is a plugin for OpenFire XMPP server and it turns a specific chatroom into a server console. Users can type specific command while they are chatting. And users can do whatever the administrator configured in the server such as deploy a website.

Oct. 2012

MyLex
It is the homework of "Compilers", a tiny lexical analyzer generator. And it is personal project and implemented in C++. It can parse a file with a specific format and generate a lexical analyzer for a language defined in the file.

May 2011 - Mar. 2012

Media Cloud
This is a research project for a national innovative program. We were trying to find ways to apply distributed computing and storage on multimedia processing for research purpose. And I am responsible for the distributed infrastructure.

Computer Skills

Programming Language
- Proficient in Python, Java, Javascript, and C/C++
- Skilled in Objective-C and some other popular languages

Operating System
- Proficient in Linux/Unix Programming and Android platform
- Skilled in iOS development
- Have some knowledge about Linux kernel programming

Others
- Proficient in web development and Git
- Familiar with Hadoop, Pig, HBase and Zookeeper
- Enter round 2 in Google Code Jam, 2013

Awards

Nov. 2010	National Scholarship
Nov. 2011	Samsung Scholarship
Oct. 2012	First prize of the People's Scholarship
June 2010	Third prize of EL Programming Competition held by Software Institute
Nov. 2010	Prized for excellence in Google Campus Android Developing Competition