

# 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.

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## Education

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

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## Internship & Employment

<b>Nov 2013 - March 2013</b>	<b>Part-time Job at San Diego SuperComputer Center, San Diego</b> I was responsible for 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.
<b>Dec 2012 - June 2013</b>	<b>Internship at Qiduo Tech Inc., Nanjing</b> I was responsible for the Android clients of two products. I built them from scratch. One was a cloud notebook client and the other was a cloud task manager client.
<b>July 2012 - Sep. 2012</b>	<b>Summer Intern at eBay COE China, Shanghai</b> I was responsible for the web application of a project, "Global View". And I also redesigned the web interface for the project. This project was for monitoring SLA tasks in eBay.

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## Projects

<b>Since Aug. 2013</b>	<b>SGit</b> It is an unofficial Git client for Android. It now gets about <b>4.4</b> average rating and over <b>7000</b> 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.	<b>Available in Google Play Store and iTunes Store</b>
<b>Jan. 2014</b>	<b>MessageHook-OpenFire</b> This project is a hackathon project. 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.	<b>A hackathon project</b>
<b>Oct. 2012</b>	<b>MyLex</b> 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.	
<b>May 2011 - Mar. 2012</b>	<b>Media Cloud</b> 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 was responsible for the distributed infrastructure.	

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## Computer Skills

<b>Programming Language</b>	<ul style="list-style-type: none"><li>• Proficient in Python, Java, Javascript, C/C++ and Golang</li><li>• Skilled in Objective-C, Haskell and some other popular languages</li></ul>
<b>Operating System</b>	<ul style="list-style-type: none"><li>• Proficient in Linux/Unix Programming and Android platform</li><li>• Skilled in iOS development</li><li>• Have some knowledge about Linux kernel programming</li></ul>
<b>Others</b>	<ul style="list-style-type: none"><li>• Proficient in web development and Git</li><li>• Familiar with Hadoop, Pig, HBase and Zookeeper</li><li>• Enter round 2 in Google Code Jam, 2013</li></ul>

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## Awards

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