

Liang Yu

CONTACT INFORMATION

4 Kimball Court
Woburn, MA 01730 USA

E-mail: yuliang.name@gmail.com
WWW: www.lyu9.com

COMPUTER SKILLS

- Programming Languages: C, C++, Java, Python, Linux Shell, tcl
- Development Tools: Vim, Sublime Text, Eclipse, GIT, SVN, L^AT_EX, GDB, Jenkins, ClearCase, Tomcat, Windows Azure, MySQL, Hadoop, MapReduce
- Networking: Wireshark, Fiddler, SIP, TCP/IP, TLS/DTLS, SSL, OCSP, RTP, DNS, VLAN, Sipp
- Web Development: Javascripts, CSS3, HTML5, Ajax, REST, Flex, Dojo, Bootstrap, GWT
- Operating Systems: Unix/Linux, Mac OSX, iOS, Android, Windows

WORK EXPERIENCE

Oracle America Inc., Bedford, Massachusetts USA

SQA Analyst

Since 2014.2

- Designed functional, integration and regression test plans for various features of Session Border Controller Products.
- Wrote scripts to run the unit tests.
- Wrote performance test plans and set up devices for performance test
- Analyzed the results of performance tests to identify scale, performance and stability aspects before codes were released

Integrated Computer Solutions, Bedford, Massachusetts USA

Software Developer

2013.4 - 2014.2

Topics (Android App)

- Wrote a NetworkManager Class to provide clear and convenient access to the Topic server.
- Implemented fourteen AsyncTask subclassed to call the REST API and parse the response in JSON format
- Bridged the UI Components and the datasources by extending Android BaseAdapter class
- Built the UI with fragments and navigation drawer
- Implemented unit tests for APIs with pytest in Ubuntu environment

Inkarus Game (HTML5 and Javascript Game)

- Added three advertisement banners in the GameOver page by leveraging the Microsoft Advertising SDK
- Submitted the score and screenshot of the solution to Windows Azure cloud and rendered data from cloud to users by using WinJS library and HTML5
- Fixed animation bugs in the legacy codes

Acme Packet, Bedford, Massachusetts USA

Software Developer Intern

2012.1 - 2012.8

- Helped with ASC automated testing framework by writing twenty Python unit tests on SIP protocol
- Identified and fixed bugs in four existing web services applications
- Developed the Call-Transfer web services application with JavaScript and Dojo API

- Enhanced the quality of an existing iOS mobile application by fixing two bugs and improved its UI and workflow by implementing good interface design principles

EDUCATION

Northeastern University, Boston, Massachusetts USA

Master of Science, Computer Science

2010.9 - 2012.12

Nanchang University, Nanchang, Jiangxi China

Bachelor of Science, Mathematics

2005.9 - 2009.6