

contact

Malden, MA
(617) 901 0618
yuliang.name@gmail.com
lyu9.com

programming languages

Java python c cpp
shell L^AT_EX

operating system

Mac OS X Ubuntu
Windows

web development

Javascript CSS3 HTML5
Ajax REST Flex Dojo
Bootstrap GWT

mobile development

Android Windows 8 iOS

development tools

Eclipse SublimeText VIM
GIT MySQL PostgreSQL
Hibernate Servlet
Hadoop MapReduce
Firebug Fiddler GDB
Jenkins Windows Azure

experience

2013 - Now

Software Developer

Bedford, Massachusetts

Integrated Computer Solutions

Topics (Android App and API Server)

- Reduced duplicated networking function calls in every AsyncTask subclass by encapsulating them in a separated NetworkManager class.
- Saved data in SQLite by using content provider class
- Used the SQL to select data to populate the adapters, which was automatically binding with the views.
- Implemented 14 AsyncTask subclasses to handle the data transmission between android device and topic server.
- Used Agile method to work with other developers.
- Built the UI with fragments and navigation drawer.
- Proposed API improvement suggestion to the server team.
- Modified Topic Server APIs by using Python and PostgreSQL.

Inkarus Game

- Modified existed code to add three advertisement blocks in the GameOver page by leveraging the Microsoft Advertising SDK.
- Submitted the scores and screenshot of solution to Windows Azure Server and rendered these data to user by using WinJS library and HTML5.
- Fixed animation bugs in the legacy codes.

2012

Software Engineer Intern

Bedford, Massachusetts

Acme Packet

- Helped with ASC automated testing framework by writing twenty python tests on SIP protocol.
- Identified bugs in four existing web services application, which were written separately in Java, GWT/GXT, JavaScript and Flex.
- Developed the Call-Transfer web services application with JavaScript and Dojo API.
- Implemented performance tests in Python scripts to measure product performance.
- 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

2010-2012

Masters of Science

Computer Science GPA 3.54/4.0

Northeastern University, Boston, United States

2005-2009

Bachelor of Science

Information and Computational Science

Nanchang University, Nanchang, China

relevant coursework

graduate

Northeastern University

Program Design Paradigms, Managing Software Development, Introduction to Database, Parallel Computing in MapReduce, Algorithms, Computer System, High Performance Computing