

Liang Yu

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SKILLS

Languages:

Java • Swift • C • C++
Objective-C • Shell Script
Python • Tcl • \LaTeX

Operating System:

macOS • Linux (CentOS, Red Hat)

networking:

TCP/UDP • SIP • SDP • RTP • SSL/TLS

Web Development:

Javascript • HTML5 • CSS • Restful
Ajax • Bootstrap • MySQL

Mobile Development:

iOS • Android • Windows RT

Development Tools:

XCode • Eclipse • Android Studio
Visual Studio • GIT • SVN • GDB
SIPP • Wireshark • Fiddler

EDUCATION

NORTHEASTERN UNIVERSITY

MS IN COMPUTER SCIENCE

2010.9 - 2012.12 | Boston, MA
College of Computer and Information
Science

NANCHANG UNIVERSITY

BS IN MATHEMATICS

2005.9 - 2009.6 | Nanchang, China
College of Science

COURSEWORK

GRADUATE

Functional Programming(Scheme)
High Performance Computing(C)
Advanced Algorithms
Computer System(C)
Parall Computing in MapReduce(Java)
Managing Software Development(Java)

UNDERGRADUATE

Assemble Language(IBM)
Data Structure(C)
Intro to Database
C Programming Language

EXPERIENCE

ORACLE | SOFTWARE TESTING ENGINEER

2014.2 – recent | Bedford, MA

TSM Project, Linux, iOS, Android platforms

- Improved the existed iOS app, linux app to test the TSM SDK API.
- Wrote Tcl scripts to automate around 1000 test cases, which boost the test coverage by 500 Percentage.
- Raised 200+ defects, including critical defects that revealed the product issues in performance and capacity.

Integrated Computer Solutions | SOFTWARE DEVELOPER

2013.4 – 2014.2 | Bedford, MA

Topics (Android App)

- Implemented AsyncTask class to call the Restful API and parsed the reponses in JSON format.
- Bridged the UI views and the datasources by extending Android BaseAdapter class.
- Built the UI with Fragments and navigation drawer.
- Implemented NetworkManager Class to provide clear and convient access to the remote Server.
- Implemented unit tests for APIs with pytest in Ubuntu environment.

Inkarus Game (Window 8 Metro Apps)

- Integrated the Microsoft Advertising SDK and add revenue selling point for 3rd party customers.
- Implemented codes to submit the score and screenshot of the solution to Windows Azure cloud and rendered data from cloud to users by using WinJS library and HTML5.
- Found andFixed animation bugs in the legacy codes.

Acme Packet | SOFTWARE DEVELOPER INTERN

2012.1 – 2012.8 | Bedford, MA

- Enhanced an existed iOS App by fixing two defects and verifying on iPhone and iPad. WebRTC, Flex
- Fixed defects in four existed web services applications and leveraged JavaScript and Doji API to develop the Call-Transfer web service application.
- Helped with ASC automated testing framework by writing 20 unit tests in Python.
- Configured four VMs on XenServer to run SIP tests.

SOCIETIES

- Contributed 3 defects to Apple Developer Community
- Private Pilot • Photographer • Travel Addict