

Liang Yu

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SKILLS

Languages:

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

Operating System:

Mac OS X • 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 • WindowsPhone

Development Tools:

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

LINKS

LinkedIn:

www.linkedin.com/in/liangyu8

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
High Performance Computing
Advanced Algorithms
Computer System
Parall Computing in MapReduce
Managing Software Development

UNDERGRADUATE

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

EXPERIENCE

ORACLE | SQA ANALYST

2014.2 – recent | Bedford, MA

- Raised 53 defects in FY 2015.
- Responsible for testing 8 major features of the TSM module on two new SBC platforms.
- Wrote scripts to automate around 300 test cases.
- Executed capacity and performance tests and analyzed test results for SBC products.
- Responsible for maintaining and executing the regression test scripts in every 6 weeks.
- Tested TSM SDK APIs by writing cpp programs on Linux Platform.
- Wrote Android and iOS apps to do platform compatible tests for TSM SDK APIs.

INTEGRATED COMPUTER SOLUTIONS | SOFTWARE DEVELOPER

2013.4 – 2014.2 | Bedford, MA

Topics (Android App)

- Implemented AsyncTask class to call the Rest 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 (HTML5 and Javascript Game)

- Added three advertisement banners in the GameOver page by leveraging the Microsoft Advertising SDK.
- 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.
- Fixed 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. And improved its UI and workflow by implementing good interface design principles.
- 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.

FREELANCE PROJECTS

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