

liangyu

Software Engineer

contact

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programming languages

Java c cpp python
shell c# \LaTeX

operating system

Mac OS X Ubuntu iOS
Android Windows

web services

Javascript
CSS3 HTML5
ActionScript
Dojo GWT GXT Ajax
REST SOAP Flex

development tools

Eclipse SublimeText VIM
VisualStudio Fiddler GDB
GIT SVN Windows Azure
Hadoop MapReduce Xen
Jenkins MySQL Firebug

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

experience

2013-Now	Integrated Computer Solutions <i>Mobile Software Developer</i> Inkarus Game	Bedford, Massachusetts
	<ul style="list-style-type: none">Modified existed Code to add advertisements in the Game by leveraging the Microsoft Advertising SDK.Used the WinJS library and HTML 5 to added two dialogs to submit results to the Windows Azure Serve and retrieve the others' result from the serve.Fixed minor bugs in the legacy codes.	
	Questia	
	<ul style="list-style-type: none">Leveraged the Model-View-Viewmodel, Service Locator, Observer patterns in the development.Used XAML to build views and binded them to the datamodels, which are written in C#.Used the Fiddler to analyze the data transferred between the client and the Questia Server.	
2012	Acme Packet <i>Co-op Enginner Intern</i>	Bedford, Massachusetts (Eight Months)
	<ul style="list-style-type: none">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 FlexDeveloped 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.	

relevant coursework

graduate	Big Data, Cloud Computing courses: <i>Parallel Computing in MapReduce, Introduction to Database</i>	Northeastern University
	Computer System courses: <i>Computer System, High Performance Computing</i>	Northeastern University
	Software Design courses: <i>Program Design Paradigms, Managing Software Development</i>	Northeastern University
	Algorithms courses: <i>Algorithms, Advanced Algorithms</i>	Northeastern University