Yu Jin (Janet)

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Summary: Driven higher education professional with broad technical skill-set and multiple years experience in telecom and financial industry. Lead designer and developer in multiple production projects. Deep domain knowledge in Java,C#, Javascript and Oracle database. Research Experience on subject of Web Graph Compression at New York University. Expertise in data structures, algorithms, object oriented design and problem solving.

EDUCATION

- **New York University** , Master of Science, Information System (GPA: 3.5)   **01/2011 – 05/2013**
- **Nanjing University of Science and Technology**, Bachelor, Computer Science(GPA: 3.2)   **09/2005 – 07/2009**

TECHNICAL SKILLS

Programming Languages:	Java, C#, C++, C	**Web Development**:	Javascript, JQuery, Flex
Database Development:	Oracle, MySQL	**Scripting Languages**:	Php, Python, Shell
Operating System:	Unix, Linux, Windows	**Other**:	Ajax, Hibernate, Struts,Spring

EXPERIENCE

Seven Points Capital, New York, NY   Software Engineer, Intern, **01/2013 – 09/2013**
- Lead designer and developer in a 3 member programmer team for intraday real-time equity trading system with object oriented Easy Language on Trade-Station platform and bridge api to Sterling broker system.
- Handled all modules: algorithm decision module, risk management module, order management module and stock screener.
- Experienced with various standard trading signal calculation and new trading signal design.
- Lead architect and developer of the enterprise internal web site with amazon EC2 cloud, amazon RDS database and php, javacript, implemented drag-drop mouse events and treeview menu.

Citi Bank, New York, NY   Software Engineer, Intern, **09/2012 – 01/2013**
- Lead architect and developer of a 4 member programmer team in Citi Enterprise Collabration Project.
- Developed an javascript object-oriented web client which support instant messaging, chat-room, voice/video conference, sync with existing IM client and communicates to a Cisco BOSH server component on Linux using Jabber open source protocols.
- Implemented contact-aware integration between other web applications (JIRA, PTS-W, TRS) and the IM client to seamlessly invoke conversations with individuals
- Use of various technologies and tools: Javascript, Jquery, HTML/HTML5, Jabber(XMPP), Ajax, Bootstrap Twitter Framework, Google Fronts API, CSS, firebug, Aptana IDE, Photoshop.
- Tested it on Windows, iOS and various browsers: Internet Explorer 7+, Firefox 6+, Chrome 10+, Safari 5.1

ZTE, China   Software Engineer , Dept. of International R&D, **05/2009 – 01/2011**
- Largest Chinese mobile vendor. Directly developed and supported for products release in multi versions and multi countries.
- Lead Java/C# developer in Pakistan project and Singapore project. Monthly best graded software engineer of department
- Expertise in backend and frontend development on IBM server with Oracle database of Telecom Operations Support System
- Handled CRM sub-system which process customers mgmt, orders mgmt, products mgmt,, fee plans mgmt and billing info mgmt of various products for both web portal channel and text message channel with multiple interface to external system
- Improved efficiency in this real-time online charging system which requires large scale capacity, high stability and reliability
- Use of various technology: Java, C#, Javascript, Jquery,Oracle 10g/11g, Unix, Ajax, Struts, Sql procedure, MML protocol, Fiddler, Java Decompiler, CodeSmith, JDBC

PROJECTS

Machine Learning (Inferring causal genes in LMS(cancer) using Lasso), New York University   05/2012
- Analysis sparse causal factors and implemented least angle regression algorithm in Matlab

Network Chat Room (Java), New York University   12/2011
- Designed and developed a GUI chat client with Swing and Awt.
- Implemented a multi-threading concurrent server which communicates with clients through sockets by TCP/IP protocol

Web Graph Compression, New York University   08/2011
- Analysis web graph compression algorithms in various dissertations
- Analysis efficiency of Cassandra and Voldemort and learned hadoop mapreduce programming

Extracurriculum

- ACM team member
- 3rd Place on Campus Advanced Mathematics Contest and participated in Province Math Contest as university representative
- Outstanding Graduation Dissertation: Oil pipeline leakage detection based on Fourier Transition Algorithm