

Minghua Jiang

mj2eu@virginia.edu
(434)-227-1754

2111 Jefferson Park Avenue
Charlottesville, VA 22903

Education

University of Virginia *Charlottesville, VA* Dec 2017
School of Engineering and Applied Science
Master of Computer Science
Fudan University *Shanghai, China* GPA 3.08/4.0 Jul 2010
Bachelor of Engineering in Software Engineering (Fudan & University College Dublin Joint Program)

Work Experience

Citigroup, Shanghai, China Jul 2010 - Aug 2016
Assistant Vice President (Java Team Leader)

RCAST Reporting

A centralized Citi risk regulatory reporting platform.

(E-Core, SparkJava, Spring, Hibernate, Oracle, EHCACHE, JDK 8, Google Guice, Google Guava, MyBatis)

- Developed the UI based on internal UI framework named E-core.
- Researched and introduced Google Protobuf as message payload between client and server.
- Implemented HTTP server side architecture using Command Pattern based on Jetty.
- Redesigned the architecture using SparkJava as an embedded-jetty framework to populate restful web services.
- Developed the ETL framework based on EHCACHE.
- Promoted JDK upgrade from 7 to 8, host one share session about JDK 8 within the team.
- Set up TeamCity, Jenkins and Sonar for project quality assurance.
- Host code katas to learn new techniques, practice TDD and improve problem solving skills respectively.

Java Developer

CVA Reporting

A batch based ETL and analytic system to calculate and report credit risk measures.

(Flex 4, JMS, Spring Batch, Sybase, Drools)

- Redesigned and implemented the whole project using Java to replace the original Perl based system.
- Implemented Scheduler Service using Spring Batch.
- Implemented the APIs for exposure service, calculation service and adjustment service.
- Implemented the communication between Scheduler and other services using JMS.
- Designed and implemented a common Excel Reader tool for adjustment file upload.

Awards & Honors

Citi CTO Platinum Excellence & Dazzle Award 2015 Q4 Dec 2015
Quarterly Citi CTO Global Award for those who have inspired team excellence through leadership and consistently demonstrated outstanding performance and leadership.

Citi Spot Award 2013 Q4 Dec 2013
Quarterly Citi Regional Award to recognize and reward employees regionally with best quarterly project contribution.

Technical Skills

Languages: Java, Perl, Python, Shell Script

Software Engineering: Requirement Analysis, OO Design, Agile Process for Software Development, Software Testing.

Databases: Oracle, Sybase, MySQL, MongoDB

Web Technologies: HTML, JavaScript, Restful Web Services, JMS, Java EE, Web Containers like Jetty, Tomcat, Websphere

Java Frameworks: Spring, Hibernate, MyBatis, Google Guice, Google Guava, EHCACHE, JUnit

Certification

Oracle Certified Professional Java SE 8 Programmer Feb 2016
(<https://www.youracclaim.com/badges/b677ee45-eede-464b-ac14-85156fedf3dd>)

Oracle Certified Professional Java SE 7 Programmer Jan 2016
(<https://www.youracclaim.com/badges/8d069bd3-ce4b-4e49-a4f9-f019b188a6d5>)