Dong Li

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EMPLOYMENT

Software Engineer	**Bank of China New York Branch**	**Dec 2011 – Present**

- Developed various applications according to project specifications; responsible for application design, technical troubleshooting, testing procedures and application development.

- Served as Lead Developer on new set of Reports for Tax-Free Savings Account; Utilized Core Java and JDBC to collect and massage data, retrieved from SQL Server database, in order to facilitate a new set of business Initiatives.

- Created 8 SQL Server Integration Services Packages embedded with SQL stored procedures to perform ETL operations for Data Warehouse System

- Spearheaded design using Java, SQL Server and MS Access in an agile environment for Loan Loss Reserve report which allowed Risk Management Department to establish risk assessment based on risk rating and ratio.

- Reduced time to generate move list for data migration by 50% by developing Python scripts to automate the task.

- Assisted developing several functionalities for Bank of China Internet Banking System by using Java.

Software Engineer	**DoubleBridge Technologies**	**Sep 2011 – Dec 2011**

- Led development for test cases to perform unit test on Document Management System by using JUnit framework.

- Set up Version Control System for development by using TortoiseSVN.

- Created Python batch scripts to automate common tasks and increased processing speed by 40%.

- Worked directly with international users to execute requirements gathering.

- Performed daily network administrative jobs and server maintenance.

EDUCATION

Chicago, IL	**Illinois Institute of Technology**	**Aug 2009 – May 2011**

- M.S. in Computer Engineering.

- Graduate Coursework: Object-Oriented Programming, Software System Architecture, Operating System Design and implementation, Computer Network.

Beijing, China	**Beijing University of Posts and Telecommunications**	**Sep 2005 – July 2009**

- B.S. in Telecommunications Engineering.

- Undergraduate Coursework: Advanced Programming in Java, Software Engineering, Data Structures and Algorithms, Digital Signal Processing, Signals and Systems.

PROJECTS

- **Bulletin Board System** (2014). Established a J2EE web application for a Bulletin Board System. The front-end pages were created in HTML/CSS embedded with JSP codes to execute business logic and JavaScript was used to perform validation on submitted form. MySQL was used to save all the data records of users and their posts. The whole application was deployed on Tomcat server.

- **Live Chat Application** (2014). Successfully developed using Core Java for a Live Chat Application that fulfilled real-time text transmission. The network connection was built through Socket and different types of Stream were used to transfer the message between client side and server side. Added ActionListener to perform dynamic response to client side ActionEvent. Multithreading was applied for the whole application to achieve concurrency control.

SKILLS

Language: Java, SQL, Python, HTML/CSS, JavaScript, XML
Software: MyEclipse, Visual Studio, Microsoft SQL Server, XCode, Sublime Text