Dong Li

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EMPLOYMENT

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

* Develop Bank of China annually report for Tax-Free Savings Account. Implement business logic in Java code. Plan was designed in one week and executed over eight weeks.
* Reduce time to generate move list for data migration by 70% by developing Python scripts to automate the task.
* Create 8 SQL Server Integration Services packages and develop SQL stored procedure to implement ETL operations for Data Warehouse System.
* Build up 5 daily reports’ layout using Crystal Reports and embed SQL query to fetch data source from database.
* Fix over 50 issues in a broad range area including Data warehouse System, Internet Banking System, Management Information System and SSIS packages.
* Develop jBASE subroutine in core banking system T24 to implement data migration tasks.

Software Engineer DoubleBridge Technologies Sep 2011 –Dec 2011

* Develop over 10 test cases using JUnit to Perform Unit Test on developed classes and methods.
* Write Python batch scripts to automate common tasks and increase processing speed by 40%.
* Set up Version Control System for development team by using TortoiseSVN.
* Perform daily network administrative jobs and server maintenance.

Test Engineer (Intern) Tekmark Global Solutions Feb 2011 –May 2011

* Design and execute over 300 test cases for new developed smartphone in a live environment.
* Collect running logs and report test results in HP Quality Center.

EDUCATION

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

* M.S. in Computer Engineering. GPA: 3.3
* Graduate Coursework: Object-Oriented Programming, Software System Architecture, Operating System Design and implementation, Computer Network.

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

* B.S. in Telecommunication Engineering. GPA: 3.2
* Undergraduate Coursework: Advanced Programming in Java, Software Engineering, Data Structure and Algorithms, Digital Signal Processing, Signals and Systems.

PROJECTS

* Bulletin Board System (2014). Build up a web BBS application. The front-end pages are created in HTML/CSS embedded with JSP codes and JavaScript is used to perform validation on submitted form. MySQL is used to save all the data records of users and their posts. The whole application is deployed on Tomcat server.
* Web-crawler (2014). Successfully implemented a web crawler using Python to collect all the specified contents from web pages. Use urllib2 module to fulfill fetch operations in complicated network situation. Develop regular expression to perform match retrieval by using re module.
* “Pinterest” like web application (2013-2014). Create a “Pinterest” like application using Ruby on Rails with Scaffolding and some Gems including Bootstrap-sass, Devise, Imagemagick and Pagination. Amazon S3 is used as external storage service for large image files and RSpec is used to simulate user’s action. This application is deployed on Heroku and can be visited at http://dongfirstror.herokuapp.com/

SKILLS

Language: Java, Python, SQL, HTML/CSS, JavaScript, XML, Ruby

Software: MyEclipse, Visual Studio, Microsoft SQL Server, XCode, Sublime Text