

Keith Zeng

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Employment History

Mar 2015 – Current: Fannie Mae, Washington D.C. Metro Area

1. Common Securitization Platform - Developer

- Use of SQL to vend data from multiple source table to downstream consumer
- Use of Unix script to process metadata to database

2. CICD Automation – DevOps Engineer

- Use of Jenkin for code deployment to multiple environments
- Use of Unix script to improve deployment efficiency by 4 times
- Use of Unix script to control and regulate the code quality
- Use of Autosys to schedule common-chore jobs
- Use of VBA to generate multiple environments properties file

3. Regression Testing Suite – Developer

- Use of Ruby and Cucumber to run progression test
- Use of Ruby and Cucumber to create regression testing suite
- Use of VBA to create user friendly interface for product owners

4. Development Support

- Analyze and provide quick resolution on development issue

5. Enterprise Data Glossary Integration

- Use of D3, JavaScript, and SharePoint to create platform to support quick lookup of business attributes
- Use of SharePoint to automate clients onboarding EDI project

Oct 2014 – Current: FDM Group Inc., Greater New York City Area

1. Trading Platform Web Application - Developer

- Use of Java for data transfer between front end and back end
- Use of JDBC and JPA for persisting data in database
- Use of jQuery/HTML5/CSS3/AJAX/Bootstrap for front end interface
- Use of Spring Framework for MVC and exception handling and
- Use of Junit and Mockito for unit testing
- Use of Tomcat to host the application
- User of Maven for dependency control

2. Cloud-Base Web Application Prototype - Developer

- Use of Linux server for storing upload file
- Use of Spring MVC for front and back end interaction
- User of HTML/Bootstrap/jQuery for user interface

3. E-Commerce Web Application – Front End Developer

- Use of jQuery/HTML/CSS/AJAX/Bootstrap for front end interface

Nov 2013 – Sep 2014: THK Management Inc., Greater New York City Area

1. Office Assistant

- Manage the clients' database
- Provide monthly sale report
- Triage and resolve client's problem
- Use Macro to automate repetitive task

2. Sale

Education

Sep 2009 – Jun 2013: SUNY at Buffalo, GPA 3.9 (Honor)

Bachelor of Science in Chemical Engineering & Minor in Mathematics

- Stem Cell Growth Model thesis
- Pillars of Leadership
- Percy Sutton Award
- Dean's List, 7 semesters
- Chemical Engineering Academic Excellence Award
- James W. and Nancy A. McLemon Engineering Scholarship
- CRC Freshman Chemistry Award

Interests and Activities

Jul 2013 – Dec 2014: An's Taekwondo, Brooklyn, NY – Student

- Current rank: red belt

Jul 2013 – Oct 2013: Lutheran Medical Center, Brooklyn, NY – Volunteer

- Host activities for elderly
- Transport patients to designated area
- Help nurse delivering needs to patients
- Communicate with elderly
- Teach elderly use of technology

Jul 2011 – Oct 2011: McNair Scholar Conference, Buffalo, NY – Presenter

- Conducted experiments on stem cells growth rate model using stochastic equation expression
- Presented research about "Stochastic Model of Pluripotent Cells"

Additional

Language

- Fluent in Chinese writing and speaking