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

    o User Macro to automate repetitive task
  2. Sale

Education

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

  Bachelor of Science of Chemical Engineering
  Minor 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