

JIARUI HU

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EDUCATION

San Jose State University **San Jose, US**
Master of Science in Software Engineering **Jan 2017 - Now**

Boston University **Boston, US**
Master of Science in Computer Information Systems **May 2015**
GPA: 3.87/4.0

Beijing University of Technology **Beijing, China**
Bachelor of Science in Information Security **July 2013**
GPA: 3.63/4.0
·Selected as recipient of The First Prize Scholarship in University for outstanding academic performance

WORK EXPERIENCE

General Electric Corporation **Beijing, China**

IT Project Manager & Business Analyst in GE Healthcare **Aug 2015- Aug 2016**

- Drove 23 high level design for 4 Asia Manufacturing sites, led development and UAT in 8 enhancement development items to improve 16 business process in Oracle Quality Assurance incoming inspection system.
- Led 23 user stories go live and Dealer Entitlement system on Salesforce platform to be released for 100+ users.
- Established a real-time dashboard for supply chain business team to monitor inventory turn and present multiple business operation scenarios, like inventory balance, purchases request, etc.

TECHNICAL SKILLS

Programming Language: Java, C/ C++, R, PHP, HTML5, CSS3, JavaScript, JQuery, Angular JS, Python, Node.js, Ajax, XML Schema, SQL, UML, Git.

Database: Oracle DB, MySQL, SQL Server, Apache, Tomcat.

PROJECTS

Bake Shop Website Project **Boston, US**

Implemented a Bake Shop website for online business **Jan-May 2014**

- Used HTML5, CSS3, JavaScript and JQuery to design the website layout and add features on front-end.
- Used PHP to implement back-end to fetch customers and products information from MySQL database.
- Integrated Google Map and Yahoo API (XML) into JSON by using Ajax to enable users to check weather and location information.

Stock Transaction Application Project **Boston, US**

Built a real-time Java GUI application for a virtual brokerage firm **Jan-May 2014**

- Used GUI (Swing and AWT) framework to implement application that enable customers to buy and sell stocks.
- Used JTable model to display portfolio and transaction history, and File I/O to save and retrieve from database.
- Used JDBC to fetch customer and stock information from back-end MySQL database.

Campus Networking Design Project **Boston, US**

Used UML model to implement conceptual design for distributed application and wireless **Sep-Dec 2013**

- networking of Beijing University of Technology.
- Analyzed local area network speed and security level based on Ethernet LANs and TCP/IP knowledge.

E-Mail Service Project **Beijing, China**

Designed and Built Web-based Mail Service **Jan-May 2013**

- Implemented a web interface to an existing mail server using PHP.
- Built email client which enabled users to connect their accounts on POP3 or IMAP mail servers, read mail, send mail, reply to mail messages, forward mail messages and delete mail from their accounts.

Beijing University of Technology News Portal **Beijing, China**

Director of News Department of College League Committee **2010-2011**

- Led 20-member department to design and create a website for students to read news online.
- Designed the website, built the database, developed news modules and set security permissions.