

Zhen Qiao

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EDUCATION

- **Bachelor of Science** Aug. 2013 ~ June 2017
Harbin Institute of Technology, China.
GPA: 87.70/100 (3.70/4)
- **Master of Computer Science** Sept. 2017 ~ Dec. 2018
University of California, Irvine, U.S.

SKILLS

- Languages
 - ✓ Java, MySQL, JavaScript, CSS, HTML, Matlab
- Frameworks
 - ✓ Spring, Spring MVC, Mybatis, CXF webservice, Solr search engine, Activiti5 workflow, Redis, EhCache
 - ✓ Bootstrap3, EasyUI, layer, zTree, echarts
- Tools
 - ✓ Linux, Tomcat, Nginx, Maven, Git, Subversion, IntelliJ IDEA

EXPERIENCE

1. Developed a Prognostics and Health Management (PHM) toolbox with Matlab
 - Aiming to judge whether an equipment runs in a health condition with Industrial Big Data.
 - Using Matlab GUI to build a user interface
 - Implementing some signal processing algorithms
 - Implementing some machine learning algorithms, such as Principal Component Analysis (PCA), Support Vector Machine (SVM), Self-organizing Map (SOM), Gaussian Mixture Model (GMM) and Logistic Regression (LR)
2. Developed an e-commerce website
 - Using **Spring + SpringMVC + Mybatis** (SSM) framework to build back end systems.
 - Using Apache **CXF** + Spring to publish a web service for user authentication
 - Using JQuery **EasyUI** to develop background management system
 - Using **Redis** as cache, Apache **Solr** as search engine.
3. Developed a crowd funding website
 - Using Spring + Spring MVC + Mybatis (SSM) framework
 - Using **Activiti5** to manage user authentication workflow
 - Using **Bootstrap3** to develop front end portal
4. Developed a questionnaire survey website using SSM framework
5. Developed a simple online bookstore using basic Java Web techniques.

INTERNSHIP

1. Company name: Advanced Intelligence Maintenance System (AIMS)
Location: Hangzhou
Title: R&D intern
Time: Sept. 2016 – May 2017