

Renqing Yang

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EDUCATION

Stevens Institute of Technology

M.S. in Computer Science (G.P.A: 3.72)

Aug.2015 – May.2017

Hebei University of Technology

B.S. in Computer Science (G.P.A: 3.5)

Sep.2011 – Jun.2015

WORKING EXPERIENCE

Software Developer (Antra)

Jul.2017 – present

■ATS System

■Engaged in:

- 1) Gathering requirements from different Departments for multiple components of ATS.
 - 2) Migrating legacy code.
 - 3) Designing and developing the database of corresponding modules using Oracle.
 - 4) Developing the Data Access Layer, Business Layer of ATS using Spring and Hibernate JPA.
 - 5) Developing the business logic by using Lambda Expression, functional interface and Stream API of Java 8.
 - 6) Developing code using Design Patterns like DAO, Factory Pattern, Singleton.
 - 7) Using Spring Boot and embedded tomcat as local development environment.
 - 8) Developing the REST using SpringMVC framework.
 - 9) Performing unit testing for ATS by using Junit and Mockito.
 - 10) Responsible to provide clarification requirement to offshore team.
 - 11) Working in Agile environment with colleagues. Attending Sprint Planning meetings and Daily meetings.
- Involved in: Java 8, Spring, Spring Boot, Spring Data JPA, Oracle, SpringMVC, Junit, Mockito.

Java Developer (Beichen Hospital)

Aug.2014 – Aug.2015

■Engaged in:

- 1) Used spring framework for integration of the system.
 - 2) Built server side by POJOs for data modeling with core java features to write the business function especially based on multi-threading, collections, I/O and exception handlings.
 - 3) Validated the data using JavaScript
 - 4) Developed Servlets for retrieving/updating the data from tables in the database
- Involved in: Java, Spring, JDBC, Oracle, JSP, Javascript

PROJECT EXPERIENCE

Travel Partner Website

Jan.2017 – Jun.2017

■Implemented a website for traveler to share travel experience or schedule

■Engaged in:

- 1) designed the website using Hibernate and chose Spring as IOC container framework.
 - 2) implemented restful api by using SpringMVC framework to handle the http request.
 - 3) optimized the system read-in performance with a cache by putting the newest posts in and implemented cache with LRU scheduling policy and singleton pattern.
- Involved in: Java 8, Java EE, Spring, SpringMVC, Hibernate, JPA, PostgreSQL, MongoDB.

React Redux Website

Dec.2016 – Jan.2017

■Implemented a website to trade items online

■Engaged in:

- 1) constructed the website structure with React, Redux and webpack.
 - 2) implemented post function with formidable in node js and express.
 - 3) used redis-connection to send/receive the uploaded data then inserted into MongoDB.
 - 4) implemented the user login authentication by storing the uu-id in redis cache with expire time and passport library to pre-check the validation of the request.
- Involved in: Node JS, Express, MongoDB, React, Redux.

Real Time Tracking Twitter Trending Topic

Jan.2016 – Mar.2016

■Implemented python program to retrieve tweets online and analysis current hot topic trends

■Engaged in:

- 1) implemented a web crawler to retrieve tweet online in python.
 - 2) generated topics with self-implement LDA and bar-chart with naïve-bayes in nltk classifier.
 - 3) implemented word-parser to clean sentence by removing stop words
- Involved in: python, nltk, LDA.

COURSES

Data Structure, Database, Algorithm, Artificial Intelligence, Software Engineering, Android Programming.

SKILLS

Java, Java 8, Spring, Hibernate, Spring Boot, Spring Cloud, Junit, Mockito, Javascript, C/C++, Swift, Python, Android, Node.js, SQL, Agile