

YIFAN LI

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INDUSTRY EXPERIENCE

Java Developer, NOAA(Government Contractor) Aug 2013- Current

- Develop Hazard Weather Broadcast plugins on the AWIPS II System, on RedHat 5.8 and 5.9 workstations, using custom-installed Eclipse, Postgresql, PgAdmin3
- Debugged BuisnessManager.java, make it asymptotically more efficient, from $O(N^2)$ to $O(N)$
- Use Spring and Hibernate to handle beans and connect to database

Software Engineer Intern, Cerner

April-June 2013

- Used JUnit, Mockito and PowerMock for unit-testing and mocking. Utilized Eclipse+Maven for building the environment, and VMWare Cloud to access the environment
- Doing Daily Scrum Meetings to report status and take feedbacks
- Followed the coding style and best practices in coding

EDUCATION

Columbia University, Fu Foundation School of Engineering and Applied Science

New York, NY

MS in Computer Science

Sep 2011- Feb 2013

Relevant Coursework:

Analysis of Algorithms
Operating System

Advanced Programming
Advanced Software Engineering

Beijing University of Posts and Telecommunications, International School

Beijing, China

BS in Telecommunication and Management

Sep 2007-June 2011

B.S. with 1st class Honor degree

Relevant Coursework:

Java Programming
C Programming

Software Engineering
Internet Protocol

PROJECT EXPERIENCE

“Iphone App “Men holds 20 second”, Columbia University

Spring 2012

- Implemented in Objective C and Cocoa to develop this easy-playing game with my friend
- Used Agile software development, developed the game under tight schedule

“Database of Soccer Team”, Columbia University

Fall 2011

- Prototyped a relational database system for a soccer team, used Relational/Entity Diagrams
- Used Oracle as the RDBMS, using SQL PLUS as command line interface

“Artificial Immune System”, Beijing University of Posts and Telecommunications

Spring 2011

- Wrote in Java a program to test the theory of undergraduate thesis defense paper

“Automatic Vending Machine”, Beijing University of Posts and Telecommunications

Spring 2010

- Built the software implemented in a vending machine adopting software engineering convention
- Served as a team leader for three and designed use cases of Specification and their relations

SKILLS

Languages:

Java, SQL, C, Python

Tools:

Eclipse, Git, Gerrit, Maven, Postgres, etc.

Operating Systems:

RHEL, Windows, Mac OS X.

AWARDS

“Best Business Model Winner” Team-winner in 30+ teams on “Devfest” hackathon, Columbia Spring 2012