**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(N2) 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

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| *Relevant Coursework:* | Analysis of Algorithms | Advanced Programming |
|  | Operating System | 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

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| *Relevant Coursework:* | Java Programming | Software Engineering |
|  | C Programming | 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**

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| 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