YIFAN LI

1207 Ballard St, Silver Spring, MD 20910 • 301-318-0363 • yl2774@columbia.edu • www.columbia.edu/~yl2774

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	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

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

Languages:	Java, SQL, C, Python
Tools:	Eclipse, Git, Maven, Postgres
Operating Systems:	RHEL, Windows, Mac OS X

AWARDS

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