

YIFAN LI

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INDUSTRY EXPERIENCE

“NWR-BMH Development”, Chugach Alaska Corp., Government Contractor for NOAA Sept 2013- Current

- Designed the Database Schemas for National Weather Service-BMH project, using Postgres Database
- Debugged BuisnessManager.java so that make it more efficient, from $O(N^2)$ to $O(N)$

“Patients data UI”, Cerner Corp.

May-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.

EDUCATION

Columbia University, Fu Foundation School of Engineering and Applied Science, New York, NY

Master of Science, Computer Science

February 2013

Relevant Coursework:

Operating System	Analysis of Algorithms in Java	Introduction to Database
Programming Language and Translator	Advanced Software Engineering	Advanced Programming
Introduction to Unix Command	Mobile Human-Computer Interaction	Database Implementation

Beijing University of Posts and Telecommunications(BUPT), International School, China

Bachelor of Engineering in Telecommunication
with 1st class Honor degree(top 25%)

June 2011

Relevant Coursework:

Programming Fundamentals in C	Object Oriented Design in Java	Internet Protocol
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PROJECT EXPERIENCE

“Let Me See NYC website”, Columbia University

Fall 2012

- Built the itinerary generating logic and implementated a website on XAMPP
- Implement the Yelp API and SeetGeek API to download and calculate event and restaurant data
- Using UML Modeling and Agile development(pair-programming)

“Linux Kernel development”, Columbia University

Fall 2012

- Added Linux Kernel System Calls and implemented read-write lock logic by spin lock and semaphore
- Injected a Symmetric Multiprocessor Weighted Round-Robin Scheduler to original scheduler framework

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

Spring 2011

- Researched a particular computationally intelligent system that mimicked a human immune system
- Wrote in Java a program to check the existence of a string using the negative and clonal selection

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

Fall 2010

- Designed and implemented the vending machine system in Java
- Served as a team leader for three and designed UML use cases of Specification and their relations

SKILLS

Languages:	Java, C, PHP, HTML, CSS, SQL, etc.
Tools:	Eclipse, Git, SubVersion, Maven, Postgres, etc.
Operating Systems:	RHEL, Windows, Mac OS X.