YIFAN LI

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EDUCATION

Columbia University, Fu Foundation School of Engineering and Applied Science　　　New York, NY
MS in Computer Science　　　Expected December 2012

Beijing University of Posts and Telecommunications, International School　　　Beijing, China
Queen Mary, University of London　　　London, U.K.
BS in Telecommunications and management　　　June 2011

Relevant Coursework: Analysis of Algorithms I, Introduction to Database, Introduction to Unix
Java Programming, C Programming, Software Engineering

INTERNSHIP EXPERIENCE

Siemens　　　Beijing, China
Data Analyst Intern　　　Summer 2010
- Utilized Microsoft Excel to file SUB document
- Maintained company's database using Oracle software

PROJECT EXPERIENCE

Columbia University　　　New York, NY
"Database of Soccer Team"　　　Fall 2011
- Created a database of player information for a fictional soccer team
- Worked in team of two on Relation/Entity Diagrams, SQL Schema
- Implemented it on Oracle, using SQL PLUS: Create Tables, insert tuples, write desire queries

"Lattakia"　　　Fall 2011
- Built a compact functional language "Lattakia" in a team of four
- Wrote the annotated grammar in the format similar to the C-language-manual
- Tested the Java implementation of the lattice library and decreased running time of the code by 32%

"Report on Automatic Predicate Abstraction of C programs"　　　Fall 2011
- Gave an informal one hour talk on Alfred V. Aho's class about the "most influential PLDI paper"
- Prepared report paper and presented technical details of SLAM to class on second talk

Beijing University of Posts and Telecommunications　　　Beijing, China
"Artificial Immune System"　　　Spring 2011
- Researched the particular computationally intelligent system for undergraduate project
- Wrote a java program of 835 lines of code adopting negative and clonal selection method
- Analyzed the running time and defended my thesis on final presentation

"Automatic Vending Machine"　　　Spring 2010
- Served as a team leader for three and designed use cases of Specification and their relations
- Obtained the graphical presentation of use case employing Visual Paradigm
- Programmed 527 lines of code in java and tested them

ACTIVITIES

Columbia University　　　New York, NY
"Devfest 2012 by Application Development Initiative (ADI)"　　　Spring 2012
- Worked in a team of four on the project "ResearchMatch", the "Best Business Model" winner
- Persuaded the professors to put their project's information on our website

SKILLS

Languages:　　　C, Java, JavaScript, SQL
Technologies:　　　Eclipse, Oracle SQL Server, Visual Paradigm