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
Relevant Coursework: Analysis of Algorithms   Introduction to Database,
                         Introduction to Unix   Programming Language and Translators

Beijing University of Posts and Telecommunications, International School   Beijing, China
Queen Mary, University of London   London, U.K
BS in Telecommunications and management (Joint Program)   June 2011
B.S. with 1st class Honor degree
Relevant Coursework: Java Programming   Software Engineering
                         C Programming   Internet Protocol

PROJECT & INTERNSHIP EXPERIENCE

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

"Programming Language Project-Lattakia", Columbia University   Fall 2011
- Built a compact functional language "Lattakia" in **OCaml**, based on the idea of lattice
- Wrote the annotated grammar in the format similar to the C-language-manual

"Hybrid Floating-Point Integer Unit"   Fall 2011
- Built a specialized floating-point adder using a top-down RTL design
- Optimized the generalized ASM and decreased the original 45 states to 36 of the state diagram

"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

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

"Automatic Vending Machine", Beijing Univerisy 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

ACTIVITIES & INTEREST

Devfest 2012, ADI Columbia   Spring 2012
- Built the website based on **Heroku**, to help students and professors match their projects
- Worked in a team of four on the project "ResearchMatch," named "Best Business Model" winner
- Persuaded the professors to put their projects' information on our website: Award winning website

Member of IET(The Institution of Engineering and Technology)   Fall 2007-Present

SKILLS

ProgrammingLanguages: C, Java, JavaScript, SQL, Ocaml, Git
Applications: Eclipse, Oracle SQL Server, Visual Paradigm