

# YIFAN LI

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## EDUCATION

**Columbia University, Fu Foundation School of Engineering and Applied Science**  
MS in Computer Science

New York, NY  
Expected December 2012

**Beijing University of Posts and Telecommunications, International School**  
**Queen Mary, University of London**  
BS in Telecommunications and management

Beijing, China  
London, U.K.  
June 2011

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

## INTERNSHIP EXPERIENCE

### Siemens

*Data Analyst Intern*

Beijing, China  
Summer 2010

- Utilized Microsoft Excel to file SUB document
- Maintained company's database using Oracle software

## PROJECT EXPERIENCE

### Columbia University

New York, NY  
Fall 2011

"Database of Soccer Team"

- Created a database of player information for a fictional soccer team
- Worked in team of two on Relation/Entity Diagrams, SQL Schema
- Implemented it in 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 Prof. 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  
Spring 2011

"Artificial Immune System"

- Researched a 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  
Spring 2012

"Devfest 2012 by Application Development Initiative (ADI)"

- Worked in a team of four on the project "ResearchMatch", named "Best Business Model" winner
- Persuaded the professors to put their project's information on our website: [Award winning website](#)

## SKILLS

**Languages:** C, Java, JavaScript, SQL

**Technologies:** Eclipse, Oracle SQL Server, Visual Paradigm