**YIFAN LI**

180 Claremont Ave #44, New York, NY 10027 • 917-514-3342 • yl2774@columbia.edu • [www.columbia.edu/~yl2774](http://www.columbia.edu/~yl2774)

**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, 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 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

“Artificial Immune System” Spring 2011

* 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

“Devfest 2012 by Application Development Initiative (ADI)” Spring 2012

* 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](http://devfest.herokuapp.com/)

**SKILLS**

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