

YIFAN LI

180 Claremont Ave #44, New York, NY 10027 • 917-514-3342 • yl2774@columbia.edu • www.columbia.edu/~yl2774

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