**YIFAN LI**

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**SKILLS:**

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| **Proficient with:** | C, Java |
| **Familiar with:** | Python, JavaScript, SQL |

**PROJECT EXPERIENCE:**

“Kernel developing using Nexus 7”, Columbia University-Fall 2012

Developed in **C** new system calls/kernel data structures to play with kernel

Follow the naming conventions, **Linux** coding style, best practices

“Let Me See NYC using Yelp API”, Columbia University-Fall 2012

Using **PHP** and Yelp API (and others), familiar with **software development life cycle**

Follow the formal design principles, i.e. UMLs, **MVC**(using Cakephp)

“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-retrieve using python”, Columbia University-Fall 2012

Retrieved data from a public web site to answer the queries from user side

Self-taught/learned **python** in one week and used it

“Database of Soccer Team”, Columbia University-Fall 2011

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

“Automatic Vending Machine”, Beijing University 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

**HONORS & AWARDS**

2009 Outstanding volunteer blood donors in Beijing

**ACTIVITIES & INTEREST:**

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

**EDUCATION:**

**Columbia University, Fu Foundation School of Engineering and Applied Science** -New York, NY

MS in Computer Science

*Relevant Courses:* Analysis of Algorithm, Advanced Programming(audit), Operating System

**Beijing University of Posts and Telecommunications, International School**-Beijing, China

BS in Electrical Engineering

*Relevant Courses:* Java Programming, C Programming, Internet Protocol, Software Programming