

YIFAN LI

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EDUCATION

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

Relevant Coursework: Analysis of Algorithms Advanced Programming(audit)
 Operating System Advanced Software Engineering
MS in Computer Science GPA: 3.08/4 Expected December 2012

Beijing University of Posts and Telecommunications, International School Beijing, China
BS in Computer Science GPA: 3.28/4 June 2011
B.S. with 1st class Honor degree

Relevant Coursework: Java Programming Software Engineering
 C Programming Internet Protocol

PROJECT EXPERIENCE

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

- Developed 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) to develop a “tourist” web application
- Follow the formal design principles, i.e. UMLs, **MVC**(using Cakephp)

“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

“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

“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

INTERNSHIP EXPERIENCE

Data Analyst Intern, Siemens, China Summer 2010

- Utilized Microsoft Excel to file SUB documents
- Researched into Oracle database

ACTIVITIES & INTEREST

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

SKILLS

Proficient with: C, Java
Familiar with: Javascript, Python, SQL