Zhijun Zhao

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EDUCATION

2015.12

Illinois Institute of Technology (Chicago, U.S.)
- Master of Computer Science
- Cumulative GPA: 3.36 out of 4.0

2013.06

Shanghai University (Shanghai, China)
- Bachelor of Computer Science and Technology
- Cumulative GPA: 3.00 out of 4.0

WORK EXPERIENCE

2013.01-2013.05

Dipont Education, Shanghai
IT Department, Intern
- Designed several web pages for Dipont Education official websites by using HTML, CSS and JavaScript.
- Designed the database models that are in Third normal form (3NF) for company's new education project.
- Fixed unsafe information in exist data pool, ensured the data consistency and integrality.
- Participated in manage database for international employees, optimized the design for data tables. By reducing the association between tables and take full advantage of the cache, we improved reliability and speeded up access time by 20%.

2012.04-.2012.09

The9 Computer Technology Consulting（Shanghai）Co. Ltd
Developer, Intern
- Participated in developing internal training system. Be responsible for design front-end and collecting data for analysis purpose.
- Worked in a team to redesign the web pages for improving users experience. After applied new websites, the page views increased by 25%.
- Maintained and optimized the official websites. By checking the DNS problem, using more cacheable pages and reducing the size of webpages, the failure rate decreased by 13%.

PROJECT

Developing based on WeChat（Chat App）public platform.

- Developing tools: SAE webserver, MySQLdb by SAE, python2.7, sublime text
- Implement costuming menu.
- In standard wsgi method, implement replying message passively through XML parse.
- Get users' information including nickname, sex and head image by JSON parse. Recognize users' voice message and return location information.
- Implement senior service includes reading history information, surfing news by title in Django structure.

Online social network analysis.
- Developing tools: python2.7, ipython, notebook, Twitter API, Facebook API
- Use the Twitter API to construct a social network of candidates' accounts. Then use the networkx library to plot these links, as well as print some statistics of the resulting graph.
- Implementation of girvan_newman algorithm to make community detection and using graph cuts to predict links between accounts based on Facebook "like" data.
- Implement a content-based recommendation algorithm to evaluate each user's rating for movies and then make decision to do recommendation.

PROFESSIONAL SKILL

Programming:	Proficient:	Python, SQL, Html, CSS, JavaScript
	Familiar:	C++, Java, XML, JSON, jQuery
Applications:	Proficient:	Eclipse, MySQL, Pycharm
	Familiar:	Visual Studio, sublime text, GitHub
Other:	Familiar:	System Design, Algorithms, Data Structures.