

Zhijun Zhao

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EDUCATION

- 2015.12 **Illinois Institute of Technology**
- Master of Computer Science
 - Cumulative GPA: 3.36 out of 4.0
- 2013.06 **Shanghai University**
- Bachelor of Computer Science and Technology
 - Cumulative GPA: 3.00 out of 4.0
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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 Java Script
 - Developed database models (MYSQL) for company's new education project
 - Participated to manage database system for international employees regarding to demographic and confidential information
 - Managed data pool for data consistency and integrity
- 2012.04-.2012.09 **The9 Computer Technology Consulting (Shanghai) Co. Ltd Developer, Intern**
- Participated in developing internal training system, including designing front-end and collecting data for analysis purpose
 - Analyzed data by inspecting, transforming, and modeling data in order to make efficient business strategies
 - Improved official website in order to attract more traffic to the site
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PROJECT

Developing based on WeChat public platform.

- Developing tools: SAE webserver, MySQLdb by SAE, python2.7, sublime text
- In wsgi method provided by SAE, implement replying message passively through XML method. The message type includes text, picture, graphics and voice.
- Get users' information including nickname, sex, city and head image by JSON method. From sae.storage import Bucket to save users' image on SAE server.
- Using Django frame to connect database and implementation function.
- Implement costuming menu.

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 network 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 calculate each user's rating for movies and then make decision to do recommendation.
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PROFESSIONAL SKILLS

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