

# Shichao An

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## EDUCATION

- **New York University** 09/2012 – 05/2014 (exp.)  
Courant Institute of Mathematical Sciences  
M.S. Candidate in Computer Science
  - **Relevant Courses:** Programming Languages, Fundamental Algorithms, Operating Systems, Database Systems, Cloud Computing, Open Source Tools, Multicore Processors
  - **Current GPA:** 3.81/4.00
- **University of Science and Technology Beijing** (Beijing, China) 09/2008 – 06/2012  
School of Computer and Communication Engineering  
B.S. in Computer Science

## PROJECTS

- **GeoPort** 11/2013 – present
  - Built a geo-social platform that facilitates event-based real-time location sharing
  - Utilized APIs of Google Maps and Google Geocoding and implemented the website with Django, MongoDB and Bootstrap
- **SoundMeter** 12/2013 – 01/2014
  - Implemented a command-line tool to obtain sound power in real time, which basically turns the audio recording functionality into a sound meter for machines that ship with audio input devices
- **WikiLookup** 01/2014 – present
  - Created a command-line front-end able to perform fast lookups against Wikipedia and arbitrary MediaWiki sites

## EXPERIENCE

- **SIGNL** (New York) 06/2013 – 08/2013  
Software Development Intern
  - Developed site backends, reusable applications and front-end features, including authentication, content management, activity stream, news processing, security and SEO
  - Used Django, MySQL, MongoDB, Redis, Celery and Node.js for the backend implementation of major site functionalities and real-time data aggregation
- **iBeiKe.com** (Beijing, China) 07/2010 – 06/2012  
System Administrator and Programmer (Department of Network)
  - Maintained the Linux server and managed MediaWiki sub-site, deploying retrofits, extensions and automated tasks (bot)

## SKILLS & INTERESTS

### Languages:

Proficient: Python, C, shell scripting, JavaScript  
Intermediate: Java, C++, PHP, Perl  
Basic: Lisp, ML, Scala

### Web/Frameworks:

Django, CodeIgniter, WordPress, Node.js

**Databases:** MySQL, Oracle, MongoDB

**Systems:** Linux (RHEL/Ubuntu), OS X

**Software:** Git, L<sup>A</sup>T<sub>E</sub>X, Vim, Sphinx

**Fields of Interests:** Web Development, Computer Network and Security, Open Source Software, GNU/Linux