

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** (geoport.co) 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

Languages:

Proficient: Python, C, shell scripting, JavaScript
Intermediate: Java, C++, PHP, Ruby, Perl

Web: Django, WordPress, Node.js, jQuery

Databases: MySQL, Oracle, MongoDB

Systems: Linux (RHEL/Ubuntu), OS X

Software and Tools: Git, L^AT_EX, Vim, KVM, OpenMP, Amazon Web Services