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 (Department of Network)

  - Maintained the Linux server and managed MediaWiki sub-site, deploying retrofits, extensions and automated tasks

SKILLS

Programming Languages: **Web Development:** HTML5, Django, Node.js, jQuery
Proficient: Python, C, JavaScript, shell scripting   **Databases:** MySQL, Oracle, MongoDB
Intermediate: Java, C++, PHP, Ruby, Perl   **Operating Systems:** Linux (Ubuntu/RHEL), OS X
Software and Tools: Git, LaTeX, Vim, KVM, OpenMP, Amazon Web Services, WordPress