

Shichao An

(631) 464-2914 • shichao.an@nyu.edu
www.shichao-an.info

EDUCATION

- **New York University** 09/2012 – 05/2014 (exp.)
Courant Institute of Mathematical Sciences
M.S. Candidate in Computer Science
 - **Relevant Courses** (as of present): Programming Languages, Fundamental Algorithms, Principles of Software Security, Operating Systems, Database Systems, Social Networks
 - **Current GPA:** 3.73/4.00
- **University of Science and Technology Beijing** (Beijing, China) 09/2008 – 06/2012
School of Computer and Communication Engineering
B.S. in Computer Science
 - **Relevant Courses:** Data Structure, Operating System, Computer Network, Compiler Construction, Database Principles, Computer System Security, Software Engineering
 - **Overall GPA:** 3.4/4.0; **Core GPA:** 3.6/4.0

PROJECTS

- **GeoAround** 05/2013 – present
Full-Stack Programmer/Social Networks Project
 - Built a social networking site where users can geo-find events, groups and other users
 - Utilized APIs of Meetup, Google Maps and Google Geocoding and implemented the website with Django, MongoDB and Bootstrap
- **Newscapture for MediaWiki** 01/2013 – 02/2013
Open Source Project
 - Designed and implemented a customizable tool which captures news or notices from an external website that does not provide RSS feed
- **Agent-based Intelligent Web Meeting Scheduler** 02/2012 – 05/2012
Undergraduate Project
 - Employed multi-agent on the meeting scheduling problem under distributed environment, utilizing multi-agent system, inter-agent communication, scheduling policy and algorithms
 - Implemented a FIPA-compliant XMPP-based multi-agent system backend with web interface

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, FreeBSD

Software: Git, L^AT_EX, Eclipse, Vim, Sphinx

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