

Shichao An

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Education

New York University

M.S. in Computer Science, GPA: 3.8/4.0

Relevant Courses: Programming Languages, Fundamental Algorithms, Operating Systems, Database Systems, Cloud Computing, Data Communication and Networks, Multicore Processors

University of Science and Technology Beijing

B.S. in Computer Science

New York, NY

Sep 2012 – May 2014

Beijing, China

Sep 2008 – Jun 2012

Projects

Momo

Tiny CLI file manager

<https://github.com/shichao-an/momo>

Targets at organizing and tagging distributed files.

Python

SoundMeter

Command-line sound level meter

<https://github.com/shichao-an/soundmeter>

Supports obtaining sound level in real time and event triggering.

Python

Python and Parallel Programming

Multicore Processors course project

Parallelizes programs with *threading* and *multiprocessing* from standard library and OpenMP with Cython.

Python

Experience

Uber

Site Reliability Engineer

- Working on Uber's stream processing platform based on Apache Kafka.

San Francisco, CA

Nov 2015 – present

Fuhu

System Administrator

- Utilize SaltStack to manage AWS infrastructure and application environment.
- Built Docker images and Debian packages for applications.
- Managed continuous integration with Jenkins.
- Set up a directory service with OpenLDAP and administered the VPN.

San Jose, CA

Aug 2014 – Nov 2015

SIGNL

Software Development Intern

- Developed backend applications using Django.
- Focused on implementing authentication, content management, request security, and feed systems.

New York, NY

Jun 2013 – Aug 2013

Skills

Programming Languages: Python, C, Go, Ruby, Bash

Operating Systems: Linux (Ubuntu, Fedora, and RHEL), OS X

Certifications

Red Hat Certified Engineer: 140-025-057