

Shichao An

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📁 shichao-an

Education

New York University

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

New York, NY

Sep 2012 – May 2014

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

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