

# HS

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## SKILLS:

Python

Java

C

C++

Javascript

HTML/CSS



Windows, Linux

Cloud, Google App Engine

Eclipse, Visual Studio, Brackets Sprint

Big Data, Data Mining, Computer Vision

## EDUCATION:

**Illinois Institute of Technology**

Master of Computer Science, 2014

**University of Electronic Science and Technology of China**

Bachelor of Engineering in Electronic Information Engineering, 2012

### Online Courses (MOOC):

Algorithms: Design and Analysis, Part 2, Coursera, 2013

Web Application Engineering (CS253), Udacity, 2012

Introduction to Artificial Intelligence, Udacity, 2011

# HONGYU SONG

## PROFILE

Seeking an internship or Full-time job as Software Engineer or Data Analyzer in an organization with ambitious goals.

Highly self-motivated, analytically minded, thirsty for new technologies & creative ideas. Five years programming experiences with strong troubleshooting skills, strong cooperative & communication skills.

## EXPERIENCE

**Trading Technologies, Inc. Chicago, IL.**

**API Automation Intern**

**Jun, 2013 – Present**

- Support TTAPI automation.
- Develop a support server for automation teams.
- Build up interfaces for the support server.
- Supplement test cases for gateway testing.

**Beijing Junheihuixin Network & Technology Co. Ltd.**

**C/C++ Development Engineer Intern**

**Feb, 2012 – May, 2012**

- Develop programs to process large data sets provided by customer.
- Build up test cases of testing call quality. Gather related materials and edit analysis report.
- Develop cooperative and communication skills.

## PROJECT

- **CloudKMap** (<https://github.com/lolapriego/CloudKMap>) Course project. A Cloud based task scheduler that supports MapReduce applications using Amazon Web Services.
- **Deadline Master** ([www.deadlinemaster.appspot.com](http://www.deadlinemaster.appspot.com)): A web application that uses colored timelines to help managing due dates.
- **Kasa Game** ([www.kasa-game.appspot.com](http://www.kasa-game.appspot.com)): An UNO-like card game. Built up a web app version on MonkeyBars Hackathon.
- **Social Network Measurer**: Course project. A Facebook app that scores one's network using naive benchmark.
- **Compressed Domain Based Motion Detection**: Graduation project. A desktop application that detects moving objects in compressed video.