

# Dejun Qi

3252 S Wallace St. Chicago IL | [dejunqi2008@gmail.com](mailto:dejunqi2008@gmail.com) | (646)678-8444 | <http://dejunqi2008.github.io/>

## EDUCATION

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### DePaul University - Chicago, IL

(Expected) Mar 2017

Master of Science in Computer Science

- ♦ GPA: 3.55 / 4.00
- ♦ Key Courses: Software development, Database, Algorithms, Machine Learning, Scientific Computing

### University of Arkansas Fayetteville, AR

May 2014

Doctor of Philosophy in Physics

- ♦ GPA: 3.74 / 4.00
- ♦ Dissertation: From Graphite to Graphene via Scanning Tunneling Microscopy

## PROJECTS

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### PyScraper

Python

<https://github.com/dejunqi2008/PyScraper>

- A scraping program for collecting housing data from internet
- The whole project is running on AWS EC2, uploading data to S3 bucket.

### My Blog

Python

<http://dejun-blog.herokuapp.com/>

- Fully functional customer blog system with registration and login functions.
- Django REST framework is used for building RESTful service.

### Mini-Webserver

Java

<https://github.com/dejunqi2008/Socket-Programming/tree/master/MiniWebServer>

- A mini webserver built using Java and its socket class, serving the files in the current directory.

### Online Store

C#

<https://github.com/dejunqi2008/ECT410-final>

- ecommerce web application. Registration, login, payment functions are all implemented.

## EXPERIENCE

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### American Family Insurance

2016 June – Present

*Full Stack Developer Intern*

- ♦ Developed backend applications using Django
- ♦ Developed web scraping program for collecting data across internet.
- ♦ Managing data on AWS S3 with AWS-CLI

### University of Arkansas

2010 Aug -2014 May

*Research Assistant*

- ♦ Performed ultra-high vacuum scanning tunneling microscopy on graphene, semiconductor materials. Managed an electronic and atomic characterization laboratory

## SKILLS

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- ♦ **Languages:** Python, Java, JavaScript, PHP, HTML, CSS
- ♦ **Database:** MySQL, PostgreSQL
- ♦ **Version control:** Git & Github
- ♦ **Cloud infrastructures:** Amazon Web Service (AWS S3)
- ♦ **Operating System:** Linux (Ubuntu, Fedora), Mac, Windows