

Dejun Qi

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EDUCATION

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

PyScraper

Python

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

- A scraping program for collecting data from internet
- The whole project is running code on 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 in 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

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

- **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