**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 Coursers: 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

***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.
* Analyzed experimental data and performed modeling using mathematical software.

***PROJECTS***

**PyScraper Python**

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

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

**My Bolg Python**

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

* Fully functional customer blog system with registration and login functions.
* Django REST framework is used for building RESTfull 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.

**Human Posture Recognition MATLAB**

https://github.com/dejunqi2008/CSC529-Winter-Quarter/blob/master/HAR/smartphone\_HAR.pdf

* 12 human postures have been successfully classified using our classifier with less than 10% error rate.

***SKILLS***

* **Languages:** Python, Java, JavaScript, PHP, HTML, CSS
* **Database:** MySQL, PostgreSQL
* **Version control:** Git & Github
* **Cloud infrastructures:** Amazon Web Service (AWS S3)
* **Research facilities:** STM, SEM, AFM