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