**Dejun Qi** 3252 S Wallace St. Chicago IL | dejunqi2008@gmail.com| (646)678-8444| http://dejunqi2008.github.io/

A second-year MS student majoring in Computer Science with accomplished coding skill and data mining experience. Experienced with various programming languages and mathematical software including MATLAB, Octave, Java, Python, JavaScript, SQL, HTML, CSS.

## EDUCATION

**DePaul University - Chicago, IL** **(Expected) March 2017**

Master of Science in Computer Science

- **GPA**: 3.54 / 4.00
- **Key Coursers**: Machine Learning, Scientific Computing, Software development, Database, Algorithms

**University of Arkansas Fayetteville, AR** **May 2014**

Master of Science in Physics

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

## PROJECTS

**Smartphone-Based Recognition of Human Activities and Postural Transitions**

- This project emphasized on applying support vector machine (SVM) algorithm to study the classification of human postures based on the behavioral signal that are recorded by smartphone.

**Commercial Website Development**

- AngularJS Single-page application (SPA) is used to render different routes with HTML templates and accomplish form validation, avoiding reloading page at any point in the process; Bootstrap framework was used for page layout design.

**Online shopping bookstore app**

- A fully functional full stack online store that includes function of user registration, login, shopping cart, and payment method. Bootstrap and standard CSS were used for front-end design; C# .NET framework were used for server side programming.

## SKILLS

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|---|---|
| **Programing Language**: | Java, Python, JavaScript (jQuery), C#, PHP, SQL, C/C++, HTML, CSS |
| **Development tool:** | Eclipse, NetBeans, Visual Studio, GitHub |
| **Web Framework**: | Bootstrapt, AngularJS, APS.NET |
| **Database**: | MySQL, Oracle, SQLite |
| **Mathematical software:** | MATLAB, Octave |
| **Operating System**: | Linux, Windows |

## EXPERIENCE

**Research Assistant, University of Arkansas** **2010 Aug -2014 May**

- Performed ultra-high vacuum scanning tunneling microscopy on graphene, semiconductor, and superconducting materials et al. Managed an electronic and atomic characterization laboratory
- Developed method of using scanning tunneling microscopy to control vibration and geometry of suspended graphene. This work resulted in the first published report of high quality atomic resolution image of suspended graphene via STM

## CERTIFICATES

- Machine Learning by Stanford University on Coursera. December 2, 2015 (*http://dejunqi2008.github.io/certificate/Coursera-ML.pdf*)
- Front-End Web UI Frameworks and Tools by Hong Kong University of Science and Technology on Coursera. November 24, 2015 (*http://dejunqi2008.github.io/certificate/Coursera-front-end.pdf*)
- Front-End JavaScript Frameworks: AngularJS by Hong Kong University of Science and Technology on Coursera. December 17, 2015 (*http://dejunqi2008.github.io/certificate/Coursera-AngularJS.pdf*)