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 experience with demonstrated ability in independent development of web applications. Experienced with various programming languages including Java, Python, JavaScript, SQL, HTML, CSS, PHP.

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**

Doctor of Philosophy in Physics

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

PROJECTS

Commercial Website Development (*Significant Course Project*)

- 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

Online shopping bookstore app (*Significant course project*)

- 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.

Content Management System

- A full stack content management system developed using PHP, in combination with Bootstrap framework and MySQL database. A control panel of the CMS is also implemented, allowing administrator to add, view, edit, and delete posts, comments, and categories.

SKILLS

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
- Front-End Web UI Frameworks and Tools by Hong Kong University of Science and Technology on Coursera. November 24, 2015
- Front-End JavaScript Frameworks: AngularJS by Hong Kong University of Science and Technology on Coursera. December 17, 2015