

# Dejun Qi

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

A master candidate of computer science with demonstrated success designing, implementing, maintaining and indexing on a wide range of platforms. Experienced with various computer languages including Java, Python, JavaScript, C/C++, and SQL. Specialize in Data Mining, machine learning, and web development. Has a proven ability to design, develop, and maintain software app independently.

## EDUCATION

### DePaul University - Chicago, IL

Class of 2016

Master of Science in Computer Science

- GPA: 3.54 / 4.00
- Key Courses: Object Oriented Software development, Database, Algorithms, Machine Learning

### University of Arkansas -Fayetteville, IL

May 2014

Doctor of Philosophy in Physics

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

### Harbin University of Science and Technology

July 2008

Bachelor of Science in Physics

- GPA: 3.01/4.00
- Specialized area: material physics

## PROJECTS

### Using Game Reviews to Recommend Games *Research Project in machine learning*

- A recommender system that produces recommendations of games that are likely to be of interest to a user
- The system incorporates keywords identified by human domain expert and rules that were obtained by machine learning.

### Commercial Website Development *Significant Course Project (<https://github.com/dejunqi2008/restaurantWeb>)*

- A full stack project that incorporate most popular front-end and back-end web technologies.
- 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 *The first real course project (<https://github.com/dejunqi2008/ECT410-final>)*

- A fully functional online store that well imitates the current popular shopping websites.
- Bootstrap and standard CSS were used for front-end design; C# .NET framework were used for server side programming.

## Skill

- **Specializations:** Data Mining and Machine Learning, Objected-Oriented Software development, Web development
- **Languages and frameworks:** Java, Python, JavaScript(jQuery), PHP, C#, SQL, C/C++, Bootstrap, AngularJS, APS.NET
- **Mathematical softwares:** Matlab, Octave, R
- **Others:** MySQL, Oracle, MogoDB, HTML, CSS, Node.js, Window, Linux

## Experience

**Research Assistant**, Graphene-STC research Laboratory, 2010 Aug -2014 May

**Physics Lecturer**, University of Arkansas, 2008 Aug - 2014 May

## Certificates

- Machine Learning by Stanford University on Coursera. December 2, 2015
- Front-End Web UI Frameworks and Tools by The Hong Kong University of Science and Technology on Coursera. November 24, 2015