

## OBJECTIVE

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To obtain an internship or entry level position in software development or data science.

## EDUCATION

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### DePaul University - Chicago, IL

Class of 2016

Master of Science in Computer Science

- GPA: 3.54 / 4.00
- Key Coursers: Machine Learning, Scientific Computer, OO software development, Database, Algorithms

### 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

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### 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 front-end development 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

### Content Management System (<https://github.com/dejunqi2008/content-management-system>)

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

### 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.

## SKILLS

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- **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

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

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

## CERTIFICATES

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- 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
- Front-End JavaScript Frameworks: AngularJS by The Hong Kong University of Science and Technology on Coursera. December 17, 2015