Dejun Qi

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OBJECTIVE

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

EDUCATION

DePaul University - Chicago, IL   **Class of 2016**
Master of Science in Computer Science
- GPA: 3.54 / 4.00
- Key Coursers: 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 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

Commercial Website Development *Significant Course Project (http://dejunqi2014.er-webs.com/index.php)*
- A full stack website that wasdeveloped using JavaScript, Bootstrap framework and PHP. The personal blog, which allows user to login and add posts, was written in PHP with MVC designed pattern and objected oriented programming.
- In the futrue, I am considering rebuilt the whole site using AngularJs and SPA. incorporates some popular back-end web technologies(NodeJs, MongoDB. etc.) I will be keeping it update.

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

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

EXPERIENCE

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