

# Yidong Wang

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Available: May- September 2016

## EDUCATION

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**Northeastern University**, Boston, MA Sept 2014-Present

College of Computer and Information Science

**Candidate for a Master of Science in Computer Science**    **GPA: 3.75/4**    Expected graduation: Dec 2016

Related Courses: Database Management, Algorithm, Computer Networking, Web Development, Information Retrieval

**Jilin University**, Jilin Province, China

Sept.2010- June 2014

**Bachelor of Engineering in Software Engineering**    **GPA: 3.5/4**

Related Courses: Software Engineering, Operating System, Data Structure, Computer System, Java

## TECHNICAL KNOWLEDGE

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Languages:                      **JAVA**, C#, JavaScript, Python, HTML, CSS

Web Technologies:            ASP .NET MVC, Servlet, JSP, Node.js, AngularJS, JQuery, Ajax, JSON

Database:                      MySQL, MongoDB, SQL Server, DB2, Oracle

Agile Development:           **Scrum, Version One**

## WORK EXPERIENCE

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**EMC Corporation**, Franklin, MA

**Software Development Intern**

July 2015-Dec 2015

- Implementing Software Build Management web applications through MVC design pattern
- Designing application front-end through CSS, HTML5, JQuery and JavaScript; developing back-end by C#, MS SQL, JSON and RESTful Web APIs to streamline software build and release process
- Built Software Build Management web application's email system to retrieve files uploading information
- Improved search function performance by 60%.
- Enhanced scalability and robustness for Test Software system

## ACADEMIC PROJECTS

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**Job searching website**

Northeastern University, Boston, MA

Feb 2016 - Present

- Designing the client side using HTML5, AngularJS, JQuery, Bootstrap
- Developing back-end by Node.js, Mongo DB, JSON, and Glassdoor and LinkedIn RESTful API.

**Search Engine**

Northeastern University, Boston, MA

Jan 2016 –Feb 2016

- Developed a web crawler in python to grab and analyze real-world website pages
- Implemented PageRank algorithm on 180,000 website pages and built a ranking list of them.

**Content Delivery/Distribution Networks (CDNs)**

Northeastern University, Boston, MA

Jan 2015-May 2015

- Designed a CDN using DNS redirection to send clients to the replica server with the fastest response
- Developed a system that uses active measurement to determine the best replica server
- Implemented and deployed the DNS server and HTTP servers on EC2 with LRU cache functionality