

Chen Zhu

20 River Court, apt 605, Jersey City, NJ, 07310

☎ Mobile: 917-684-1583

✉ Email: chenzhu@nyu.edu

Education

- 2013.8- **M.S. in Information Systems**, *Courant Institute of Mathematics, New York University*, NY, GPA:3.75.
- 2015.5 Courses: Social Multiplayer Games, Open Source Tools, Web Search Engine, Fundamental Algorithms
- 2009.9- **B.S. in Management Information Systems**, *Renmin University of China*, Beijing, China, GPA:3.65.
- 2013.6 Courses: Java, Database Management, Knowledge Management, Information Retrieval

Technical Skills

- Programming **Proficient: SQL, Java, Python, Shell, C#; Basic: C++, Java EE.**
- Web **ASP.NET, HTML, CSS, JavaScript, NodeJS, AngularJS, jQuery, AJAX, PHP.**
- Tools & IDE **Git, IntelliJ, Eclipse, Virtual Box, Vagrant, VMware, Citrix, Visual Studio, Visio, SharePoint, MySQL, Sublime, Vim.**

Work Experience

- 2014.6- **Application Developer Intern**, *TMC Bonds*, Technology Group, NY.
- 2014.8 Constructed market trading report PDF generator by **NodeJS** and **Java** resulting quality improvement
Enhanced Linux back-end server by integrating build files and applying Object-Oriented-Programming method
Fixed front-end web page bugs using **JavaScript**, CSS, HTML and Java
- 2012.11- **Intern**, *Intel Corporation*, Mobile and Communications Group, China.
- 2013.5 Managed project plan for engineering team using Microsoft Project in Citrix
Purchased lab equipment through shopping cart using SAP supply chain management system
Claimed expenses through IBM Expense claim information system correctly and timely

Project Experience

- 2015.2- **Chess - Social Multiplayer Game Project**, *JavaScript, AngularJS, Jasmine, Karma.*
- Present Implemented the backend game logic of Chess using **JavaScript**
Wrote unit test cases of the game logic using Jasmine and Karma resulting in 80% coverage
- 2014.9- **Open Source Tool Final Project Q&A Forum**, *Google AppEngine, Github, GitHub SourceCode.*
- 2014.12 Implemented a forum website using **Python** where users can ask, answer and vote on questions
Deployed the website in the Google App Engine platform with NDB data store resulting in quick response
Used Jinja as template combined with bootstrap CSS to optimize display performance
- 2014.9- **Yelp Restaurants Data Analysis**, *Python, Yelp API, Google Map API, Google Fusion Charts.*
- 2014.12 Crawled data from Yelp API using Python and stored data into MySQL database
Analyzed correlation of how location contributes to Yelp rating and review using Python and Google Map API
- 2014.9- **Web Search Engine Projects - Crawling, Mining Indexing and Serving**, *Java, JavaScript, jQuery.*
- 2014.12 Implemented a web search engine with correction and auto-completion mainly using Java
Constructed the web search engine front end using JavaScript and jQuery
- 2014.6- **NTA2 Trading Report System PDF Enhancement Summer Intern Project**, *Java, JSP, JavaScript.*
- 2014.8 Wrote a new PDF generating module using PhantomJS and NodeJS resulting in quicker processing
Implemented PDF module in JavaEE backend by Java Servlet and JSP leading to a 50% coverage increase
Tested and asserted the outcome of generated PDF reports through Firefox HTML and CSS validator
- 2015.6- **Gambling for Newbies: An Online Real-time Rock-Paper-Scissors Game**, *C#, ASP.NET.*
- 2014.8 Developed the Ranking model and front-end user interaction platform using C# and MVC in .NET framework
Revamped the layout utilizing Bootstrap leading to a more user-friendly front-end

Extracurricular Activities

- 2014.3 **Master Association of Computer Science**, *Director of Social Affairs*, NY.
- 2013.9 **Badminton Club in NYU**, *Team Member*, NY.
- 2014.5 **True Leadership Retreat**, Pocono Mountain, PA.
- 2013.10 **Techweek NYC**, *Volunteer*, NY.