**JIECHENG CHEN**

Email: [jchen74@syr.edu](mailto:jchen74@syr.edu) | Phone: +1-315-949-8356 | Github: <https://github.com/jasonoochen>

Address: 39939 Stevenson Common, Fremont, CA 94538

Computer Science graduate student, learned Java, C++, C#, security, iOS developing, web developing

Looking for a fulltime job in 2018

**EDUCATION**

**Syracuse University, NY**

Master of Science, Computer Science, May 2018, GPA: 3.30/4.0

Courses: Object Oriented Design, Software Modeling & Analysis, Design and Analysis of Algorithms, Principles of Operating System, Internet Programming, Computer Security

**Ball State University, IN**

Bachelor of Science, Computer Science, May 2016, GPA:3.64/4.0

Awards: Deans List (Top 5%), Excellent Graduate

**SKILLS**

* Programming languages: Java(expert, 6 years), J2EE(4 years), C++(4 years), C#, swift
* Web programming: HTML, CSS, JavaScript(3 years), JSP, Servlet, JDBC, ASP.NET
* Database system: MySQL(6 years), Access
* Related skills: IP Networking (TCP/IP), OS, Linux, Git

**EXPERIENCE**

**C++ (Object Oriented Design) Project: NoSQL Database**

*Syracuse University, Spring 2017*

* Achieved a NoSQL Database supporting multi-type with key/value pairs.
* Support automatically persist database to XML file and restore the database from XML file.
* Support queries to achieve add, delete, modify and search data by detect keywords in queries.
* Implemented type analyzer to detect data type elements of a C++ code and dependency analyzer to indicate dependence relationship and string component for each C++ file.

**C# Project: Test Harness Collaboration Federation**

*Syracuse University, Fall 2016*

* Built a test automation framework to support continuous integration test among client, repository and server.
* Expanded the server to support multithreading, and to assign AppDomain for each task.
* Developed an Operational Concept Document with all the design detail.

**PROJECTS**

**J2EE Project: Online Order System**

*Syracuse University, Spring 2018*

* Generated a system which can make menu for restaurants and make online order for customers.
* Achieved mainly by HTML5, CSS3, Bootstrap, JavaScript, Servlet, MySQL.
* Extended functionality such as easily modify menu on web page, help to reduce workload on client and improved visual effects by using JavaScript.
* Realized front and back end independent development and optimized the system by carrying through tests.

**Servlet and JSP Project: Online Bookstore**

*Syracuse University, Fall 2017*

* + Developed a dynamic bookstore website made by MVC design pattern.
  + Accomplished mainly by servlet, JSP, JDBC, MySQL.
  + Achieved the product browse, search, perchance, user manage and order manage functions.
  + Improved code reuse, increased code expansibility and reduced coupling by using web frame.

**Java Project: Battleship Game Development**

*Ball State University, Fall 2014*

* + Completed the Battleship Game in JAVA, with an operable, user friendly interface, which contains images, sounds, and actions.
  + Implemented Object Oriented Design and Clean Code principles to improve code adaptability and flexibility.
  + Supplemented a computer player owns analysis ability. The computer can infer the unknown position by the basis of known position and the player’s past behavior.