

# JIECHENG CHEN

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Computer Science graduate student, learned Java, C++, C#, security, iOS developing, web developing  
Looking for a fulltime job in 2018

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## EDUCATION

### Syracuse University, NY

May 2018

Master of Science, Computer Science, GPA: 3.3/4.0

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

### Ball State University, IN

May 2016

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

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

Courses: Advanced Programming, Multitier Web Architectures, Web Programming, Database Design, Data Mining, Operating Systems, Computer ORG and ARCH

## SKILLS

- Programming languages: Java(expert), J2EE, C++, C#, swift
- Web programming: HTML, CSS, JavaScript, JSP, Servlet, JDBC, ASP.NET
- Database system: MySQL, Access

## PROJECT EXPERIENCE

### Servlet and JSP Project: Online Bookstore

Fall 2017

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

### J2EE Project: Online Order System

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.

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

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

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.

### JAVA Project: Battleship Game Development

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.

## VOLUNTEER WORK

### Assistant Software Development Engineering in Ningbo University of Technology

Spring 2015

- Volunteered in Ningbo University of Technology CS lab, assisted with Library Management System.
- Learned Struts, Hibernate and Spring Frameworks how they work and followed up the development of the project.