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

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, Database Management

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: (Proficient) Java, (Proficient) J2EE, (intermediate) C++, C#, swift
- Web programming: HTML, CSS, JavaScript, JSP, Servlet, JDBC, ASP.NET
- Database system: MySQL, Access
- Related skills: IP Networking (TCP/IP), OS, Linux, Git

EXPERIENCE

Software Developer Intern
Library of Ningbo City, China, Summer 2016
- Developed a library system made by MVC model for customer and library management.
- Accomplished the system by J2EE, Servlet, JSP, JDBC, MySQL.
- Achieved functions include item browsing, item searching, item borrowing, item returning, user management and order management.
- Improved code reuse, increased code expansibility and reduced coupling by using web frame.

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.

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.

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.