JIM XU

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Education:

Colorado State University, Fort Collins, CO   Aug 2016 - Present
4th Year of B.Sc. Degree in Computer Science   GPA: 4.0/4.0
- Dean's List
- Admission Scholarship

Central China Normal University(CCNU) (2+2 program)   Aug 2014 - May 2016
B.Sc. Degree in Computer Science   GPA: 86.81/100
- CS First Rate Scholarship(top10)
- Twelfth ACM Programming Contest affiliated university in central China Tenth ACM Invitational, The Third Prize
- The First CCF Internet Application Design Competition, The Third Prize

Skills:
- C++, Java, Python, R, HTML5
- MapReduce, TCP, NIO, Git, JUnit, Bioinformatic Modeling

Core Courses:
Object-Oriented Programming(C++) 87/100, Java Language Programming 97/100, DataBase 92/100, Algorithms and Data Structure A+, Operating Systems A+. Distributed Systems A, Bioinformatics A. Abstract Algebra, Artificial Intelligence, Statistical Data Analysis, Algorithms Theory and Practice

Research & Projects:
Trip Planer Application   Spring 2017
- Completing semester long team project using Scrum and Test Driven Development
- Developed javafx GUI, online web server based on glassfish and javax

Using Dijkstra's Shortest Paths to Route Packets in a Network Overlay   Feb 2017
Using Thread Pools to Manage NIO Network Messages   Mar 2017
United States Census Data Analysis Using MapReduce   April 2017

Experiments & Activities:
Teaching Assistant, For Algorithms Theory and Practice,
School of Computer Science, Colorado State University (CSU)   Aug 2017 - Dec 2017
- Assist in developing slides, worksheets, quizzes and classes with instructor
- Evaluating assignments, and held office hours for Q&As
- Discuss and explain challenging algorithm in class and online

Membership in Chinese Student & Scholars Association (CSSA), CSU   Aug 2016 - Present
- Assist in organizing campus events for CSU students guided by CSSA
- Design and perform a comedy in Spring Festival Celebration

Volunteer in Language Partner Program, organized by CSSA, CSU   Aug 2016 - Dec 2016
- After-class language learning exchange and collaboration with English-native student

Membership in Student Association, CCNU   Aug 2014 - May 2016