XI (JESSICA) CHEN

looking for internship/co-op
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Education

University of Michigan May 2016
Bachelor of Science in Computer Science, GPA 3.43/4.00
- Received [A] in EECS281(Data structure & algorithm)
- Have taken: EECS370 (Computer architecture), Will have taken: EECS482 (OS), EECS484 (Database)

Shanghai Jiao Tong University August 2016
Bachelor of Science in Electrical and Computer Engineering, GPA 3.6/4.0
- Taken: EECS280 (Programming), EECS270 (Logic design)
- Awards: Excellent Academic Scholarship; Dean's list fall 2012 - spring 2014

Experience

Natural Language Processing Research Assistant Nov 2014 - present
Prof. Rada Mihalcea, Department of Computer Science, University of Michigan
- Focus on possession identification in text and extract identified information using XML for speeded input
- Implement possession identification by targeting keywords using C++/Python

Research Intern Feb 2014 - Apr 2014
Nielsen, Shanghai, China
- Enhanced data analysis efficiency using SPSS and EXCEL by 20% while writing proposals and reports for clients (Pepsico, Corning, Meiji, Amore Pacific)
- Helped establish and improved data-linking method on norm database, saving around 200-hour work
- Arranged and led project portfolio management with global operation colleagues for ensured projects in three cities

Projects

Time2Meet! Jan 2015
- Designed and wrote main free-time-calculation code to generate time schedules for users to meet
- Helped employ Google Calendar API to handle authorization process, parse JSON packages and access all the event time information on Google calendar of multiple users
- Co-designed user interface (all finished within 30 hours through MHacks Hackathon with Java)

Drone Delivery System Implementation with C++ Dec 2014
- Simulated the delivery system (shortest path problem) using deque, queue, (unordered) map/set
- Implemented Prim's & Kruskal's & Branch and Bound algorithm

Stock Market System Implementation with C++ Oct 2014
- Simulated a dynamic stock exchange market that processes requests with according user-defined processing option
- Used hash table, binary search tree and priority queue to develop a fast algorithm

UM-SJTU ABET System Evaluation - Alumni and employers tracking March 2013 - Sep 2013
- Focused on follow up survey of alumnus of the institute in the national level innovation practice project
- Provided focused data analysis on the 183 samples using SPSS independently
- Achieved 4.5 times of alumni's involvement by developing a progressive alumni-college network system

Implementation of Computer Version of the "Yahtzee" Dice Game July 2013
- Implemented the dice game "Yahtzee" with C++ set with multi players and multi rounds; realized "scoreboard" feature

Skills

- Proficient in C++, C;
- Intermediate in Python, HTML, PHP, Matlab, XML
- Familiar with MySQL, Java, Swift, CSS, Mathematica, Verilog

- Loves: skiing, movies, and great food