Yiliang Shi

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EDUCATION

University of Utah   Salt Lake City, UT
Honors Bachelor of Science, Computer Science   *May 2018*
Bachelor of Science, Finance

Honors
- 3.89/4.00 GPA
- University of Utah Presidents Scholarship (2013-2017)
- $2000 IM Flash Scholarship

SKILLS

- Languages: Java, C#, Html, CSS, JavaScript, C++, SQL
- Knowledge: Algorithm implementation, Object oriented project design, MVC architecture, Database
- Debugging though unit testing
- SQL database manipulation

EXPERIENCE

Teaching Assistant   August 2016 – December 2016
- Responsible for assisting with grading and teaching for Models of Computations
- Implemented scripts to automate a number of programming and JFlap based homework

Summer Researcher   June 2016 – August 2016
- Chosen as 1 of 10 students for the BigData REU at NMSU
- Created workloads and test scripts to find relationship between layers of a computer system

Competitions

Rocky Mountain ACM Programming Contest   November 2015
Participant
- Chosen as 1 of 12 CS students to represent the University of Utah in the ACM International Collegiate Programming Contest Regionals
- Solved problem sets involving real life scenarios within a 5 hour time limit on a single computer with a 3-man team using Java. Worked using a rotation system where 2 members would dissect the problem while 1 person coded

2015 Goldman Sachs Hackathon   October 2015
Participant
- Worked as front-end developer as part of a 3-man team to create a website to display and track pollution in Utah
- Used Html and JavaScript to create website input controls and layout

Projects

Acubio game
- Implement both the client and server of a game based on internet game Agario using C#. Implemented basic   web server architecture with database server

Utrack
- Used ER-Diagrams to design a database for an Yelp like application that tracks users and areas of interest
- Implemented database using MySQL

PUBLICATIONS

- Wang, Simeng, Jinrui Cao, Danny V. Murillo, **Yiliang Shi**, and Mai Zheng. "Emulating Realistic Flash Device Errors with High Fidelity." In *Networking, Architecture and Storage (NAS), 2016 IEEE International Conference on*, pp. 1-2. IEEE, 2016.
- **Yiliang Shi**, Danny V. Murillo, Simeng Wang, Jinrui Cao, and Mai Zheng, "A Command-Level Study of Linux Kernel Bugs". *The 3rd National Workshop for REU Research in Networking and Systems*, 2017

VOLUNTEER ACITVITIES

Student Program Director of the English Skills Learning Center   August 2014 – May 2015
- Organized ESLC recruiting events - tabling, posting flyers, class pitches
- Vetted volunteer suitability and acted as information intermediary between the ESLC and Bennion Center

English Instructor with the English Skills Learning Center   December 2013 – August 2014
- Instructed Small Class of Beginner Students in English after going through training with the ESLC