CS Student4

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Education

Bachelor of Science in Computer Science Boise State University, Boise, ID

GPA (4.0 scale): 3.9

Expected Graduation: Fall 2018

Relevant Coursework

Databases Web Development Programming Languages Software Engineering Data Structures Theory of Computation

Skills and Tools

Languages: Java, SQL, HTML, CSS, C, PHP Tools: Eclipse, Git, Valgrind, Make

Projects

Web Development Project - HTML, CSS, SQL, JavaScript, PHP

• Implemented the front end and back end of a website including design, login, and database features as a class project

NFA to DFA Project - Java

• Modeled an instance of a nondeterministic finite automaton including a method to compute the equivalent deterministic finite automaton as a class project

Java Interpreter Project - Java

• Employed an ad-hoc scanner and a recursive-descent parser to build a strongly typed parse tree which was then traversed and evaluated as a class project

Relevant Experience

Cyber Security Work U Intern

Cyber Security, St. Luke's, Boise, ID

January 2018 – April 2018

- Demonstrated analytical skills and dependability through the completion of NIST Cybersecurity Framework mapping in a database system called Archer
- Worked to improve security by running analysis of the server backup process
- Served as an educator to co-workers through the launch of a phishing campaign designed to teach employees how to better protect themselves and patient information while using email

Event Coordinator August 2016 – April 2018

Student Involvement and Leadership Center, Boise State University, Boise, ID

- Gained a passion for planning and managing large scale projects such as Spring Fling and Bronco Welcome Week that involve budgeting, commitment to long-term objectives, and ongoing assessment
- Performed needs analysis, able to pitch and implement a brand new event focusing on staff and faculty appreciation, an area that was underserved in programming

Orientation Leader March 2017 – August 2017

New Student Programs, Boise State University, Boise, ID

 Developed strong leadership skills during eight new student orientations with responsibility at each session for leading a team of up to twenty incoming students

Volunteering

Social Chairman/Member, Delta Delta Delta, Boise, ID Service Learning, University Foundations 200, Whitney Elementary, Boise, ID January 2015 – April 2018 January 2016 – May 2016