Allison Walke

https://github.com/awalke   832-928-5534   awalke796@gmail.com   allisonwalke.com

Education

Brigham Young University – Provo   April 2018
Bachelor of Science in Computer Science   3.44 GPA

Work Experience

Teaching Assistant – CS 498R: Competitive Programming   2016
Brigham Young University Computer Science
- Coordinate with the professor to develop lecture slides and lesson plans
- Administer and grade weekly problem sets
- Conduct weekly in-class contests via HackerRank
- Cater to any student needs and questions

Skills/Interests

Computer Programming
- Proficient in Java, C/C++, and HTML/CSS
- SQL and SQLite
- Interested in iOS/OSX development, Android development and network & server security

Projects

- Developed an application version of the classic game "Super Asteroids" for Android
- Developed a spell check algorithm capable of detecting spelling errors up to an edit distance of two
- Developed a hangman algorithm which minimized the chances of a player beating the computer
- Personal Website

Relevant Coursework

- Data Structures and Algorithms
- Discrete Structures
- Advanced Programming Concepts
- Elementary Linear Algebra
- Calculus 1
- Calculus 2

Notable

- Member of Women in Computer Science
- Technical Officer in BYU's Association for Computing Machinery
- Strong work ethic
- Enthusiasm for learning