ALLISON WALKE

SOFTWARE ENGINEER

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EDUCATION

Brigham Young University
Bachelor of Science in Computer Science 2018

EMPLOYMENT

Ancestry.com, *Software Engineer, Intern*, Lehi, UT   Jun 2016 - Current
Developed Java Spring microservices to work with content databases in order to secure database connections
Worked alongside my team and mentors to implement services for both the team and other teams
Attended daily scrum and standup meetings along with other service specific meetings
Spoke to a local programming club called Girl Develop It for Ancestry Women in Technology (AWIT)

BYU Computer Science Department, *Teaching Assistant - Competitive Programming*, Provo, UT   Mar 2016 - Apr 2016
Coordinated with the professor to develop lecture slides and lesson plans
Administered and graded weekly problem sets
Conducted weekly in-class contests via HackerRank
Catered to any student needs and questions

SKILLS

Java, C#, C/C++, HTML/CSS, Javascript, SQL

PROJECTS

SmartBeats
Worked with a team to create a pair of "smart" headphones that pause music/video when taken off.
Integrated them with Amazon Alexa and AmazonSQS to listen for the user's name and vibrate the headphones to alert the user when their name is spoken

MediaKey Extension
Created a chrome extension that adds functionality to laptop media keys within the chrome browser
Extension allows users to press play/pause on the keyboard and play/pause a variety of websites (Netflix, Pandora, Prime Video, etc.)

UkeMaster
Worked with a team to create a device with a laser array that clips on to the end of a ukulele and shows the user what chords to play for a song
Communicates with an iOS app to allow users to display chords and chord progression directly onto the fret board

Personal Website
www.allisonwalke.com

AWARDS

Creativity and Innovation Award - *Ancestry*   Jul 2017
Along with my team, won the Ancestry Creativity and Innovation Award at the company's annual company-wide conference

Staff Pick - *Devpost*   Sep 2016
With a team, featured on the website Devpost for our project UkeMaster. We were featured on the website and in the weekly newsletter.

First Place - *HackCU*   Apr 2016
With team, won first place at HackCU, a hackathon at University of Colorado - Boulder, for our SmartBeats project.

NOTABLE

Association for Computing Machinery, *Technical Officer*

Women in Computer Science, *Member*

BYU Developers Club, *Member*