

DAVID DURRANT

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Education

Bachelor of Science in Software Engineering

Graduation: December 2020

Brigham Young University - Idaho

Rexburg, ID

- GPA: 3.85
- **Relevant Coursework:** Object-Oriented Software Develop, Data Structures, Software Design and Development, Web Engineering I
- **Significant Projects:** Development of android app called ProxiAlert, reconstructing data structure in C++, construction of basic website, and many other coding projects in C++, Java, HTML and JavaScript

Certificate in Programming – Computer Science

Graduation: December 2018

Brigham Young University - Idaho

Rexburg, ID

Skills

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- | | | | |
|---------|-----------|------------------|--------------|
| • C++ | • Java | • HTML | • JavaScript |
| • CSS | • PHP | • SQL | • Brackets |
| • Word | • Excel | • Android studio | • Git |
| • Slack | • English | • Spanish | |

Projects

ProxiAlert

80 hours

Brigham Young University - Idaho

Rexburg, ID

Created Android app that uses geofencing to notify the user when they are close to a location. The purpose of the app was to help a small business owner know that he is close by a potential client while he is out driving.

Features include: geofencing, notification, voice recording for hands free driving, and map view of all list items

CCB Lighting

60 Hours

Personal Project

Salt Lake City, UT

I have constructed both an app and a website for this project. The purpose of this project was to improve productivity at my current job. We deal with lights on a large scale, so I created a way of keeping track of the ones that need maintenance. The problem was keeping both the app and the website data synced, this required the construction of an api to sync the android app with MySQL.

Work Experience

Theatrical Lighting Production Assistant

September 2016 - Present

The Church of Jesus Christ of Latter-day Saints

Salt Lake City, UT

- Planned and implemented installation of lights based on lighting designers' vision
- Solved problems as they arose and changed implementation as necessary
- Learned how to use a lightboard control to run lights for small events
- Lead small teams of contracted workers during large productions