

# Jacob Olson

(M) 801-427-1770 | jbolson98@gmail.com | www.jacobols.com

## EDUCATION

### **Brigham Young University, BS Computer Science: Data Science, Business Minor, 8/2018 - 4/2022**

Pending graduation in 2022. Current GPA: 3.81

Vice President of Internal Marketing, BYU Developers Club, 9/2020 – Present

Program Communications Director, BYU Student Alumni, 8/2019 – 11/2019

### **High School Diploma, Maple Mountain High School 2016**

## EXPERIENCE

### **Student iOS Engineer, BYU Office of IT, 3/2020 - Present**

Maintained and built features using Swift and XCode for the University iOS application. Used Kotlin, Python, and Terraform to build and modify the web service API's and AWS lambdas consumed by the mobile application.

- Enabled students to purchase books natively in the application through a new booklist feature.
- Increased accessibility of crisis tools for students by rewriting mobile counseling services feature.

### **Student Web Application Engineer, BYU Office of IT, 12/2018 - 3/2020**

Maintained and repaired a PHP-based web application for the BYU School of Education. Addressed database errors in SQL. Participated in the planning and development of a new version of the application built with the Mendix rapid development tool. Worked according to agile sprints.

- Enabled login and registration for the new application.
- Implemented features to include fingerprint and background check information for users.

### **Foreign Religious Service Volunteer (Chile), 8/2016 - 8/2018**

- Directed efforts of groups of up to 12 volunteers from various countries in the Spanish language.

### **QA Automation Intern, MaritzCX, 6/2015 - 8/2016**

Analyzed and repaired automated test cases that were not functioning correctly using Visual C# and Git version control software. Automated test cases that were previously carried out manually.

Participated regularly in meetings regarding the structural changes to the automation framework.

- Improved efficacy of quality assurance framework by reducing test failures by 90%.
- Enabled automated quality checking of 50+ product features by writing new, functional tests.

### **Shift Manager, Jimmy John's, 1/2015 - 1/2016**

- Coordinated functions of experienced employees and trained new employees.
- Closed the store, which included counting cash drawers and preparing for bank deposits.

## OTHER TRAINING

**HackEDU OWASP Top 10 Secure Development Certification**

**Mendix Development Certification**