***CORY BRIGHTON***

208-497-9144

github.com/brighcory

corybrighton01@gmail.com linkedin.com/in/corybrighton

8541 W Small Creek, Boise ID 83709

***PROFESSIONAL SUMMARY***

*Software engineer offering a strong foundation in software design, development and integration. Programmed applications in Android. Detail-oriented, excellent problem-solver, and works well in a team. Brings a strong background in mechanical engineering.*

* Java
* C++
* SQL
* Android
* Data Analysis
* Mathematics
* Discipline
* Scrum
* 3D Printing

***PERSONAL PROJECTS EXPERIENCE***

* Designed and Developed an Android application with a SQLite database to track user game scores
* Learned best practices for implementing, migrating, and maintaining database for application
* Built a program for storing recipes, scheduling meals, and tracking ingredients used
* Interpreted design intent to develop application for colleague

***PROFESSIONAL EXPERIENCE***

***Syncro Design LLC -*** *Mechanical Engineer Contractor*

***Microsoft -*** *Mechanical Engineer Contractor*

*Vancouver, WA 2013- 2015*

*Redmond, WA 2014-2015*

* Programmed in C++ a user interface with an Arduino and LCD display to allowing operator a streamlined, more efficient system, automating lifecycle test for headphones
* Streamlined testing processes reducing time by 25% for each iteration of Thermo-Putty test fixtures
* Led project to improve the life expectancy of Microsoft’s Kinect and Xbox controllers and housing units to increase life expectancy and customer satisfaction

***HP -*** *Mechanical Engineer Contractor*

*Vancouver, WA 2015*

* Designed specific parts for the new commercial sized 3D printers to drive business for HP's printer market
* Designed fixture for testing heat lamps in 3D printers to optimize lamps for heating printing material

***EDUCATION***

***Colorado Technical University****:*

B.S. Software Systems Engineering

*Colorado Springs, CO 2017*

GPA- 3.65

* Programmed mockup company’s workstation software to improve customer service, time management, and work flow using Java and XML for capstone project
* Using Scrum framework to plan, build, and deliver the project in the 10 weeks
* Writing and testing code to eliminate bugs and improve software efficiency

***University of Idaho:***

B.S. Mechanical Engineering

*Moscow, ID 2008*

GPA- 3.21

* Wrote a MATLAB program to calculate the density of the returning ultrasonic wave
* Developed a Wiki page using HTML for communications, to answer questions, set rules for the competition, and facilitate teams with a base program to start with
* Modified the robotic programming in PBASIC so the robots would follow lines and search for opponents as base line code for competitors

***AWARDS***

* Graduated Cum Laude from the Colorado Technical University
* Received the Army Commendation Medal for meritorious service by learning Blue Force Trackers System in addition to regular duties deployed to Iraq in 2010-11