

# Yahya Alsaleh

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## Education

### **BACHELOR OF SCIENCE | JUN 2020 | OREGON STATE UNIVERSITY**

- Major: Electrical and Computer Engineering
- Minor: Computer Science

## Skills & Abilities

### **PCB SOFTWARES**

- Designed a lot of PCB boards on KiCad and Eagle and other PCB software. Mostly for projects.

### **CIRCUIT ANALYSIS**

- Building PCBs, Debugging boards/troubleshooting and all types of Soldering.

### **PROGRAMMING**

- Did many projects in different programming languages. I'm best with Assembly, C, C++ and Python.

### **MICROSOFT OFFICE**

- Worked with every Microsoft Office software and have heavy experience with all of MO products.

## Software Projects

### **MINI-GAMES**

- Made a bunch of mini games for iOS devices that support 1 or 2 player mode for my own entertainment  
Games: Minesweeper, Snake, Tic-Tac-Toe, Battleship, Yahtzee, Scrabble and many more.

### **GRADE CALCULATOR**

- Built a similar program to the current school grading calculator, where the user inputs a total number of assignments, naming them and add the weight for each along with final grades. The output is each student's final grade percentage, letter grade, grade histogram and class average

## Hardware Projects

### **IMMORTAL ROBOT**

- A small robot that walks around carrying a solar panel that powers the robot. The robot moves in the direction of the brightest light to recharge itself.

### **ANNOYING PET ROBOT**

- Like the Immortal Robot but a bigger size and in a small puppy shape and tries to knock things down

### **LCD ID CARDS**

- An ID Card with an adjustable LCD that shows two lines of text (name and title) for a local comic-con