

Jordyn Marshall

878 NE 70th Ave
Hillsboro, OR 97124
(971) 371-6100
jordynmarshall@gmail.com

EDUCATION	<i>Oregon State University</i> Corvallis, OR	Expected: June 2022
	<ul style="list-style-type: none">• Honors Bachelor of Science in Electrical and Computer Engineering• Classes: ECE 341/342 Junior Design I and II, ECE 372 Introduction to Computer Networks, ECE 375 Computer Organization and Assembly Language, ECE 271/2 Digital Logic Design, CS 261 Data Structures, CS 161/2 Introduction to Programming• Spring 2021: Planning on taking ECE 472 Computer Architecture• GPA: 3.94/4.00	
TECHNOLOGY SKILLS	Programming Languages: C, C++, C#, Java, Python, Assembly Tools: Arduino Uno/Nano, ATmega128, Field-programmable gate array (FPGAs), Linux Software: LTSpice, ModelSim, Intel Quartus Prime, L ^A T _E X, SystemVerilog	
PROFESSIONAL EXPERIENCE	<i>Junior Design</i> Oregon State University, Corvallis, OR	September 2020 - Present
	<ul style="list-style-type: none">• Designed an embedded system to monitor the environment of chickens in an urban coop.• Utilized Arduino and a microphone amplifier to interpret piano notes.• Analyzed and documented a linear power supply and a switching power supply.	
	<i>Video Game Development</i> Oregon State University, Corvallis, OR	October 2019 - March 2020
	<ul style="list-style-type: none">• Programmed artificial intelligence for a video game• Implemented C# code to allow for AI to attack and move away from player• Collaborated with AI team through Git and Github	
	<i>MESA (Math Engineering Science Achievement)</i> Liberty High School, Hillsboro, OR	October 2013 - June 2018
	<ul style="list-style-type: none">• Programmed and assembled components for a medicine dispenser to assist the elderly• Utilized an Arduino to build a robotic prosthetic arm• Prototyped a manual prosthetic arm using PVC and rope	
	<i>Robotics</i> Liberty High School, Hillsboro, OR	October 2017 - March 2018
	<ul style="list-style-type: none">• Worked in a group of 5 programmers to program an FRC robot• Debugged and troubleshooted Java code	