ANGELA HUDAK

Seeking co-op for Summer and/or Fall for 2020

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EDUCATION

B.Sc. in Computer Engineering Rochester Institute of Technology

August 2018 - May 2023

PROJECTS

SPEX Rover Project

Electronics Team Member

🛗 January 2019 - April 2019

- The Rover is a team project that is a part of the SPEX Club.
- Responsibility was to connect the raspberry pi 3B+ to the controller and teaching others how to solder parts together.

3D Printed Rotary and Gas Engine Imagine RIT Project

January 2019 - April 2019

- A sub-project for Imagine RIT, the Computer Science House created a futuristic car to display at the event.
- Taught other members about 3D printers and how to use 3D files.
- Printed and assembled the interactive rotary engine.

CSH LED Sign

Python

🛗 January 2020 - Present

- The CSH LED Sign is a hand-built light box with geometric triangles cut out of it.
- Strips of individually addressable LEDs respond to a raspberry pi 3B+ in order to shift colors and utilize an iButton reader to read an iButton and display the colors picked on an individuals profile.
- A user's profile will be connected to a Flask website in order for them to change the colors.

EXPERIENCE

Head Cashier

Pet Supplies Plus

I June 2018 – August 2018

% Wall Township, New Jersey

• Was responsible for working at a register and training new employees. Also, I helped restock and do floor work with the other workers.

Ехро

Chesapeake Tavern

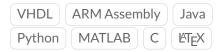
April 2016 - August 2017

% Long Valley, New Jersey

• Communicated with chefs and servers to provide quality food services to customers.

SKILLS

Languages



Software

Quartus II	ModelSim Git		
Microsoft Office		PSPICE	
Keil MDK-ARM		Xilinx	IntelliJ
Pycharm Raspbian			

Hardware

	Oscilloscopes Breadboards / Circuitry		
	Digital Multi-meter		
	Waveform Generator Arduino UNO		
	Raspberry pi 3B+ Soldering Equipment Basys3 FRDM-KL46Z Board Prusa i3 mk2.5S Ender 3 Pro MakerBot Replicator 2		

3D Design

Fusioin 360	TinkerCAD	Prusa Sli3er
MakerBot Pr	nt Cura S	Sli3er

ORGANIZATIONS

Computer Science House (CSH) 3D Print Administrator

December 2018 - present

 A living and learning community that emphasizes hands-on learning and projects outside of the classroom. As a 3DA, I assist and educate other members on how to print 3D files effectively and taking care of 3D printers.

House Improvements Director

August 2019 - present

 As House Improvements Director, I handle the Project Room and all house related projects and improvements.