## **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**

# Bomber Game 6502 Assembly

% https://github.com/angelahudak/Bomber

- A game for the Atari 2600 in 6502 Assembly
- There is a play field, scoreboard, missiles, and two players on the screen at a time, sprites, and warp boarder to the left and right, and background sound.

### **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

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

## **EXPERIENCE**

## Head Cashier

### Pet Supplies Plus

🛗 June 2019 – August 2019

% 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.

#### Expo

#### **Chesapeake Tavern**

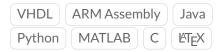
## April 2018 - August 2018

% 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			E
Keil MDK-ARM		Xilinx	IntelliJ
Pycharm	Raspl	oian	

#### **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 Pri	nt Cura	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.