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

% github.com/angelahudak/Bomber

- A game for the Atari 2600 in 6502 Assembly
- Created using Vim on Ubuntu and debugged with Stella.
- There is a play field, scoreboard, missiles, and two players on the screen at a time, sprites, and warp border to the left and right, and background sound.

SPEX Rover Project

Electronics Team Member

January 2019 - April 2019

spex.rit.edu/projects

- The Rover is a team project that is a part of the SPEX Club.
- My responsibility was to connect the raspberry pi 3B+ to an xbox1 controller through Bluetooth and enabling it so it stayed connected even when shut off. Also, teaching others how to solder properly and safely.

3D Printed Rotary and Gas Engine

Imagine RIT Project

🛗 January 2019 - April 2019

- 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

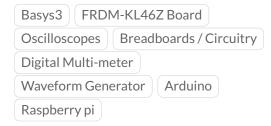
Languages

VHDL	ARM Assem	nbly	Java
Python	MATLAB	$\left[C\right]$	ETEX

Software

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

Hardware



ORGANIZATIONS

Computer Science House (CSH) House Improvements Director

June 2019 - present

 The House Improvements director delegates projects that improve the physical aspects of floor, such as painting, cleaning, building, and organizing House's resources.

3D Print Administrator

December 2018 - present

 A 3D Print Administrator assists and educates other members on how to print 3D files effectively and taking care of 3D printers.

RIT Space Exploration Club (SPEX) Member

🛗 January 2019 - December 2019

 As a member of the rover electronics team, I worked with other members by building a working prototype rover in preparation for the University Rover Challenge.