

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

📅 April 2020

🌐 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 Assembly

Java

Python

MATLAB

C

LaTeX

Software

Xilinx

IntelliJ

Pycharm

Git

PSPICE

Keil MDK-ARM

Raspbian

Quartus II

ModelSim

Microsoft Office

Hardware

Basys3

FRDM-KL46Z Board

Oscilloscopes

Breadboards / Circuitry

Digital Multi-meter

Waveform Generator

Arduino

Raspberry pi

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.