Seth Gower

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Computer Engineering Major in search of Co-op for Summer 2018

Education

Rochester Institute of Technology
Bachelors Degree in Computer Engineering, 5 year program

Rochester, NY
Expected Graduation of May, 2022

Projects

SUDS
github.com/SethGower/SUDS

24 Hour Hackathon Project. The Shower Use Detection System for CSH. Uses Limit switches on shower doors to close circuit and light up LED and send input to Raspbery Pi GPIO pin. Will later implement webapp.

Hardware
October 27, 2017

Bot Fighting Game
github.com/SethGower/BotFighting

A simple 2 player robot fighting game. Written with the Light Weight Java Game Library (LWJGL) and Open Graphics Library (OpenGL).

Java
April--May 2016

Rocket Thrust Calculator
github.com/SethGower/Thrust

A simple program that calculates the amount of thrust produced for a rocket using kinematic equations.

Python
September 2017

Skills

Software: Java, Python, Git, C, C++, LaTeX
Hardware: Soldering, Prototyping on breadboard
Professional Skills: Public Speaking, Spanish (Semi Conversational)

Organizations

Computer Science House
An organization at RIT that encourages extracurricular learning, through individual projects, collaboration, and hands on learning.

Rochester, NY
August, 2017--Present

Boy Scouts of America
I achieved the rank of Star scout, and almost attained Life Scout

Fredericksburg, VA
August, 2009--July, 2013

Work Experience

Summer Camp Counselor
Norfolk Academy Summer Programs
Taught elementary students basics of programming with Tynker

Norfolk, VA
June--July 2017

Leadership Experience

Robotics Team Captain
Programmer
Collaborated with other team members and programmers the program for that year's competition. We finished 5th in the state.

Norfolk, VA
August 2016--February 2017

Freshman Project
Vice President
Collaborated with fellow Executive Board members to help coordinate a large scale charity event benefitting *Doctors Without Borders*

Rochester, NY
September--November 2017