

Jason Richard Sosnowski

Education:

Academy of Engineering and Design Technology **2012-2016**

- Intro to Engineering Design I/II
- Computer Integrated Manufacturing
- Intermediate/Advanced Electrical Engineering
- Calculus Based Physics: Mechanics/E&M

University of Pittsburgh **2016-Present**
Swanson School of Engineering

Experience:

Panasonic Challenge **Fall 2013-Winter 2014**

- Designed and constructed an alternative energy vehicle to perform various tasks throughout obstacle course [Team of 3]

Rage in the Cage **Spring 2014**

- Refurbished a 15lb fighting robot and competed with it, taking 6th place out of ~20 teams [Team of 3]

Alumiknight **Fall 2014-Spring 2015**

- Designed and built a 15lb fighting robot, Aluminknight, and competed with it in 2015 Rage in the Cage, taking 8th place out of 16 teams [Team of 3]

KnightHawk **Fall 2014-Spring 2016**

- Reverse engineering and creating a Virtual Reality Flight simulator composed of Oculus Rift and 3 degree of freedom platform [Team of 3]

Skills:

- AutoCAD and Autodesk Inventor
- Experience with use
 - Through hole soldering
 - Laser cutter / Water jet
 - 3d printer
 - CNC Mill / G Code

Extracurricular Activities:

- Traveled to Japan in International Youth Cultural Exchange Program with Rotary International
- Self-teaching Japanese
- Member of Fencing Club