

# **Andy Perez**

## **Contact Information**

andypere01@gmail.com

(347) 456-7774

## **Education**

University at Buffalo(UB), B.S., Aerospace Engineering, May 2018

University at Buffalo(UB), B.S., Mechanical Engineering, May 2018

GPA: 3.42/4.0

## **Work Experience**

### **Calibration Intern**

**May 2017-August 2017**

Zodiac Aerospace Oxygen Systems

- Add reference images to calibration procedures of equipment to be calibrated as well as calibration equipment and calibration fixturing/adapters to be used.
- Take professional looking photos of all calibration equipment for file updates.
- Assist with Calibrations and the Operations Test Engineering group.

### **Applications Engineering Intern**

**June 2018-August 2018**

Bird Technologies

- Assist with Combiner and Multicoupler system designs applying Bird filter products.
- Assist with development of special RF(Radio frequency) filters and circuits.
- Perform functional tests on electronic products for engineering design verifications.

## **Academic Experience**

- Simulated Slope field, contours, and Euler's method for a logistic equation in Python.
- Simulated direction field and Euler's method for a sliding mass system in Python.
- Python Projects Link: <https://github.com/andypere/projects/tree/Python-Projects>

## **Memberships and Extracurricular Activities**

- University at Buffalo Students for the Development and Exploration of Space (SEDS)  
Low Power Rocketry Lead September 2016-May 2018
- The American Institute of Aeronautics and Astronautics(AIAA)  
Member and Award Winner December 2016-May 2018
- University at Buffalo Nanosat Lab Attitude Determination and Control (ADC) Team  
Team Research Member September 2014-August 2018

## **Honors and Awards**

- Zimmer Summer Scholarship (Summer 2018)- \$3,000
- Dean Paul E. Mohn Memorial Book Award (Spring 2015)- \$500
- 2018 AIAA Guidance Navigation and Control Undergraduate Conference Award- \$400
- University at Buffalo 2018 SEAS Senior Scholars Research Scholarship- \$100
- University at Buffalo Senior Spotlight Award (quotes and photo on UB MAE website)
- Deans list (Spring 2015), (Spring 2017)