

# Andy Perez

## Contact Information

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## Address

89-19 171st Street  
Queens, New York

## 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

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

### Applications Engineer Intern

June 2018-August 2018

Bird Technologies

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

## Academic Experience

- Analysis and Simulation of a Resistor-Capacitor Circuit using LabVIEW and Matlab.
- Calibrated accelerometers and load cells using LabVIEW and Matlab.
- Experimentally determined and plotted the transfer function of a motor pendulum system using LabVIEW and Matlab.
- Website Link: <https://andypere.github.io>

## Memberships and Extracurricular Activities

- University at Buffalo Students for the Development and Exploration of Space(SEDS)  
Low Power Rocketry Lead September 2016-May 2018  
In charge of electrical ignition system in order to launch Model Rockets.
- The American Institute of Aeronautics and Astronautics(AIAA)  
Member and Award Winner December 2016-May 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)