

Meghan E. Kaminski

1560 Lower State Road Doylestown, PA 18901

MEKaminski416@gmail.com

267-614-6507

EDUCATION ***The University of Virginia*** **Fall 2016-Present**
Masters of Science degree in Aerospace and Mechanical Engineering
Expected Graduation: Spring 2018

The Pennsylvania State University **Fall 2012-Spring 2016**
Bachelor of Science degree in Aerospace Engineering with a Minor in Mathematics
Graduation Date: May 2016

General Skills

Technical: NX Design, SOLIDWORKS, Welding, Soldering, LabVIEW, Adams, Ansys Workbench, and programming in MATLAB, C++, FORTRAN

Awards

NASA Space Grant Consortium Scholarship Recipient, 2015

PROFESSIONAL EXPERIENCE

Graduate Research Assistant at the University of Virginia **Summer 2016-Present**
Develop an Offshore 50 MW Segmented Ultralight Morphing Wind Turbine
Responsibilities include:

- Designing, building and testing a 1/100th scale gravitationally, aerodynamically, and elastically scaled wind turbine to be placed at the University of Virginia
- Assisting fellow researchers for the progression of the overall project

Lab Assistant **Summer 2015-Summer 2016**
Engineer various laboratory experiments by means of design, machining, calibrating, and performing
Responsibilities include:

- Assist graduate students in the completion of their thesis through designing and machining
- Responding to professor's requests for creating and maintaining experiments used for course work

Structures Lead for Lunar Lion Team **Summer 2015-Spring 2016**
Member of team since 2012
First ever university-led team to build and land a lunar lander on the Moon
Responsibilities include:

- Design and build a land prototype using NX Design to design it and machining and welding the final product
- Work as a team with members as well as manage a group of individuals to obtain a common goal

ADDITIONAL EXPERIENCE

Women's Varsity Soccer Goalkeeper, Pennsylvania State University **Fall 2012- 2015**
2013 NCAA Tournament second round
2012 NCAA Tournament Finalist
2012,2014 Big Ten Champions

Happy Volley, Pennsylvania State University **Summer 2013, 2015**
Tournament Assistant
Director of a help station for tournament participant and parent questions
Communicated with people of all ages with a variety of tournament inquiries

High Road Cycles (HRC)-Doylestown **Summer 2014**
Sales associate
Marketed the bicycles and other equipment sold within the store
Communicated via phone with customers and suppliers about HRC products and services