

## Jacob Neiswonger

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310-463-4746

### Home Address

270 White Rd.  
Summerville, PA 15864

### School Address

407 McKee  
University Park, PA 16802

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**Objective:** To obtain a co-op or internship position in Aerospace Engineering beginning summer of 2016

**Education:** B.S. in Aerospace Engineering  
The Pennsylvania State University, University Park, PA  
Expected Graduation: May 2018 Cumulative GPA: 3.21

**Relevant Courses:**

|            |           |           |
|------------|-----------|-----------|
| AERSP 204H | E MCH 210 | MATH 141E |
| PHYS 211   | PHYS 212  | MATH 250  |

**Work Experience:**

**Learning Assistant for Physics 211**  
Penn State University, Prof. Vin Crespi (Fall 2015)

- Assist students with difficult questions during class and help foster active learning in lecture
- Gain a much deeper understanding of the material by teaching it to peers
- Learn leadership skills by being part of the teaching staff in a large lecture hall

### Student Government Internship

PennDOT, Clarion County, PA (Summer 2014 and 2015)

- Directed traffic with another intern on one-lane roads and through moving work zones
- Learned how much of the bureaucratic process in Pennsylvania operates
- Helped maintain roadways, fill potholes, replace pipe, and direct water flow to prevent flooding

### Computer Skills:

Data Studio  
Chief Architect

Final Cut Pro  
Excel

### Activities and Awards:

- AERSP 204H- Mark D. Maughmer's sailplane design course. Work in teams to design and fabricate various projects such as the human powered airplane.
- Member, Engineers Without Borders—Serve on THON committee
- Member, E-House
- Recipient of the David R. Marchand Scholarship