

JAMES M. FALCONE

610-420-6320 | jkf5165@psu.edu

Current Address

608 Porter Hall
University Park, PA 16802

Permanent Address

146 Abbey Drive
Royersford, PA 19468

OBJECTIVE: To obtain a 2015 summer internship in the engineering field.

EDUCATION:

The Pennsylvania State University

B.S. in Aerospace Engineering
GPA: 3.94

Dean's List: Fall 2014

Spring-Ford High School

GPA: 98.86 of 100

Class Rank: 22 of 574

University Park, PA

Class of 2018

Royersford, PA

Class of 2014

EXPERIENCE:

Dickey's Barbecue Pit

Utility Specialist/Driver

- Responsible for completing caterings for up to 120 people at weddings, grad parties, etc.
- Became the only employee authorized to do caterings independently
- 32 hours per week, current "at-home" job

Computrex Computers

Technician Assistant

- Responsible for operating shop after 4 p.m. when all technicians left
- Helped technicians fix hardware, speed up computers, and set up/remove servers at local businesses

Royersford, PA

May 2014-present

Phoenixville, PA

May 2013-Aug. 2013

ACTIVITIES:

Lunar Lion Team

Guidance, Navigation, and Control / Propulsion Subsystems

- Helped develop a Link Budget Analysis for broadcasting HD footage from the moon
- Worked to develop an acceleration profile for H₂O₂ decomposition engines in Simulink/Matlab
- Worked at off-campus engine testing site to prep for engine tests (machined parts, added sensors)
- Currently working to characterize 4 H₂O₂ decomposition engines with testing information

University Park, PA

Aug 2014-present

THON Committee

OPP Committee Member / TREE Coordinator

- Setting up/Tearing down THON, the student-run dance marathon to conquer pediatric cancer
- Chosen to be committee's TREE coordinator, who promotes and collects the committee's recycling

University Park, PA

Sept 2014-present

Cross Country/Track & Field

Varsity Distance Runner/Team Leader

- 9 seasons running, 5 varsity
- Led distance team through workouts and drills

Royersford, PA

Mar. 2010-June 2014