

## Stephen St. Raymond

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### Education:

#### Drexel University

*Bachelor of Science in Mechanical Engineering*  
Minor in Electrical Engineering

Philadelphia, PA  
Anticipated Graduation: June 2019  
GPA: 3.37

#### Drexel University

*Master of Science in Mechanical Engineering*  
BS/MS Accelerated Degree Program

Philadelphia, PA  
Anticipated Graduation: June 2019

### Honors and Awards:

Pi Tau Sigma - Xi Chapter, Drexel University, 2015- Present  
STAR (Students Tackling Advanced Research) Scholar, Drexel University, Summer 2015  
Dean's List, Drexel University, 2014  
Pennoni Honors College, Drexel University, 2014-Present

### Skills:

CAD and Simulation Software: Creo Parametric 2.0, AutoCAD, SolidWorks 2015-16, Catia  
Programming Languages: MATLAB, Python 3.5, Arduino, HTML/CSS  
Microsoft Office: Word, Excel, PowerPoint

### Engineering Projects:

#### Drexel University Space Systems Lab

*High Altitude Balloon Vehicles*

Philadelphia, PA  
March 2015 to August 2016

- Led a team of three students in the design and building of an aerial platform
- Collaborated with faculty supervisor to fit the platform to desired specifications
- Organized competition centered around the use of the balloon platform

#### Engineering Design Lab III

*LED Juggling Balls*

Philadelphia, PA  
April 2015 to June 2015

- Designed a LED juggling prop as a member of a three person design team
- Managed design schedule and kept track of bill of materials
- Maintained and recorded accurate records of design process

### Experience:

#### LaFrance Corporation

*Project Manager*

Concordville, PA  
September 2015 to March 2016

- Worked closely with customers and manufacturing plant to coordinate production schedules
- Modified and updated CAD files to reflect machine capabilities and tolerances
- Tested and inspected samples to make sure product fit customer requirements

### Relevant Coursework:

Foundations of CAD  
Experimental Mechanics I  
Mechanics of Materials

Differential Equations  
Introduction to Controls  
Transform Methods and Filtering

Introduction to Thermodynamics  
Boundary Layers-Laminar & Turbulent  
Advanced Dynamics I, II

### Activities:

Member, American Institute of Aeronautics and Astronautics, Drexel University, 2015-Present  
Captain, MVP; Cross Country and Track and Field, Joel Barlow High School, 2010-2014