

Allyssa C. Paul

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EDUCATION:

University of Central Florida, Orlando, Florida.
B.S.M.E. Mechanical Engineering
Minor: International Engineering

Projected Completion: May, 2017
Current GPA: 3.5/4.0

Dublin Institute of Technology, Dublin, Ireland.
Mechanical Engineering Honors Program
Study Abroad, Spring 2015 Semester

Completion: May, 2015
Term GPA: 3.8/4.0

Onondaga Community College, Syracuse, New York.
A.S. Mathematics and Science

Completion: December, 2013
GPA: 3.1/4.0

EXPERIENCE:

Go-Kart Chassis Design Project, Dublin Institute of Technology:

- During my study abroad experience, I was voted by classmates to lead a group of 9 students for a term project on the design of a go-kart chassis, employing principles of statics, dynamics and solid mechanics for design.
- Directed and assigned tasks to employ equations relevant to the Mechanics of Materials course to the application of chassis design. Also served to mentor group members to assist in their perspective and analysis.

Finite Element Analysis to Test EuroCode Standards, Dublin Institute of Technology:

- During my study abroad experience, I worked with a group of 4 classmates to conduct finite element analysis on a Gusset plate and truss structure by utilizing ANSYS software to examine the validity and importance of EuroCode 3: Design of Steel Structures.

EXTRACURRICULAR ACTIVITIES:

American Institute of Aeronautics and Astronautics, UCF: Member

August 2014 - Current

Regular attendance to club meetings and professional speaker events. Participated in Outreach event 'Lockheed Martin Day of Caring.'

Onondaga Community College Physics and Chemistry Club: Club Secretary

January-December 2013

Various club endeavors: recording discussion content, meeting minutes, planning experiments, organizing field trips, and sought out outreach volunteer opportunities which educate the public by demonstrating the impact of science in everyday life.

SKILLS AND RECOGNITIONS:

- MS Excel, MS Word, ANSYS, AutoCAD/CAM (Fall 2015)
- BIA Higher Education Scholarship, UCF Office of International Studies Scholarship 2015, UCF Scholars Award Scholarship 2015-2016.
- UCF Deans List: Fall 2014