

Alex Strebeck

4230 Spoleto Cir. ▪ Apt 106 ▪ Oviedo, FL 32765
alexstrebeck@gmail.com ▪ (941)504-9993

Objective	Obtain an opportunity to develop and expand my knowledge through applied design engineering work experience.	
Education	University of Central Florida Major: Mechanical Engineering Class Standing: Senior GPA: 3.45 / 4.0	Orlando, FL
Work Experience	<ul style="list-style-type: none">• Lockheed Martin/ UCF College work experience program (Test Engineering) (February 2014)<ul style="list-style-type: none">- Creation and understanding of mechanical assembly drawings (Pro-E)- Building equipment from schematics and mechanical drawings- Data management using Excel• Mechanics of Materials Research Group (May 2015)<ul style="list-style-type: none">- Undergraduate Research Assistant: Developing finite element model for analysis of the Small Punch Test using Ansys simulation software• Own and proficient in operating a 3-D Printer (2 years of experience)	
Robotic Skills	Basic knowledge of wiring simple circuits, soldering, and incorporation of wireless video and control. Knowledge of basic programming and circuit elements (Sensors, motors, etc.)	
Activities	<ul style="list-style-type: none">• 3D Printed Custom Designed RF Remote Casing• Automated Irrigation System• ISTEM Engineering Awareness Event Volunteering K-12th Grade• Member of the Golden Key international honor society (top 15%)	
Professional Development	<ul style="list-style-type: none">• Active member of American Society of Mechanical Engineers<ul style="list-style-type: none">- Secretary Officer Position for two semesters (2015 Academic Year)- Claw and Optics Leader of Robotics Student Design Competition• Procurement manager of the Human Powered Vehicle Committee<ul style="list-style-type: none">- Worked to coordinate shirts, name tags, meal, etc. for the Southeast district of the Human Powered Vehicle Competition (ASME)	
Computer Skill	Proficient in Solidworks, Ansys 14.5 (FEM), NX 8.5 (FEM), Mathcad, Pro-E (CREO), Auto Desk Inventor Professional, Arduino Programming, LabView, Microsoft Word, PowerPoint, Excel	