

SPENCER A. PHEASANT

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OBJECTIVE

Seeking a full-time, entry-level position in the field of engineering. Where I will be able to hone my skills while progressing my company's interests.

EDUCATION

University of South Florida	Tampa, FL
Bachelor of Science in Mechanical Engineering	December 2017
Passed Fundamental Exam	
Concentration in Finite-Element Analysis, Robotics, 3-D printing	
St. Petersburg College	Tarpon Springs, FL
Associate Of Arts	May 2013

SKILLS

- Certified Associate with SolidWorks
- Software: AutoCAD, Inventor, Matlab, Labview, C#, Ansys, PLC and Microsoft Office
- Tools: Experienced use of soldering, milling and other power tools

RELEVANT EXPERIENCE

RND Automation & Engineering LLC	Sarasota, FL
Engineering Intern	June 2015 – August 2015
• Followed technical plans in order to build automated machines for costumers.	
• Assisted in machining various parts using CNC machines.	
• Read technical drawings while doing quality and control checks on manufactured parts.	

PROJECTS

Make Course

- Design and fabricate an interactive device incorporated sensors and motors that run from an Arduino.

Finite Element Analysis

- Used Ansys to model a tow-ball assembly while reporting and ranking all possible critical failure modes.

Machine Design

- After being provided with a device subjected to a pre-established force, I determined the appropriate safe limit for the device's structure while also considering the economic cost.

LEADERSHIP

Robotics Group USF, Vice President	January 2014 – December 2017
• Competed in Nation Robotics League; hosted numerous local robotic challenges.	
FTC Robotics Countryside HS, President	August 2010 - May 2013
• Built and programed a robot to compete in various tasks, qualified for statewide competitions.	