

OBJECTIVE

Aerospace engineer with superior analytical and problem solving skills seeking a challenging opportunity in engineering design, analysis or testing in aerospace related industries.

SUMMARY

and co-op trained aerospace engineer, licensed pilot and outstanding graduate from a highly ranked university. Recognized by both co-workers and university professors for strong ability to identify requirements and develop effective solutions.

CORE STRENGTHS & SKILLS

- Exceptional Trouble Shooting and Analytical Skills
- CATIA V5 • NASTRAN • Programming in C & MATLAB • Hardware Design and Testing
- Flexible, with Outstanding Interpersonal and Organizational skills

SELECTED ACHIEVEMENTS

1. Granted high level security clearance at to work on projects related to launch. Self-directed and designed vital component that became part of mission.
2. Led high school team that designed and built a completely operational craft. Received acknowledgement from major newspapers on project scope and achievement.
3. Designed engineering test and measurement equipment for motors. Designed and integrated ignition, sensor data acquisition, and transmission equipment for sounding payloads.
4. Designed carbon fiber motor casings to hold over eighty pounds of . Critical team member in analyzing, designing, testing and evaluating composite construction methods.
5. Designed parts using CATIA V5 and performed Finite Element Analysis on steel structures. Parts were then manufactured in a machine shop in support of a student design project.
6. Led team that developed a hybrid rocket for a university high altitude flight competition. Managed student team tasking and overall planning, authored proposals and bi-weekly reports and supervised technical team.
7. Self-disciplined and motivated achiever from an early age. Started flying lessons at age soloed at received pilot's license at 1. Won Championship in aviation skills the same year.

EMPLOYMENT HISTORY

May 2009 - Dec 2009

Communications Integration Co-op: Full time engineering co-op responsible for requirements analysis, hardware testing and electrical circuit design in support of

- Designed electrical circuits to monitor the status of communication equipment using Eagle PCB.
- Authored work orders for the demolition of communication equipment as part of the transition and effort.
- Performed cost analysis for complex programs using databases and query software.
- Worked as part of a team with minimal supervision. Consistently achieved excellent results.

Sep 2005 - May 2006

Media Specialist: Responsible for IT problem troubleshooting and on site customer support and training.

- Provided technical support and troubleshooting for computers and media equipment.
- Quickly identified voice of customer and devised, proposed and implemented effective solutions.
- Provided information technology training for faculty members.
- Recognized for excellence in customer interactions and ability to work independently.

EDUCATION

B.Sc. in Aerospace Engineering, Embry Riddle Aeronautical University, Daytona Beach, FL (2010) GPA /4.0
 Courses in Aviation Flight Management (2006) GPA /4.0

• Aerodynamics • Aviation Flight Management • Drafting • Structures • Finite Element Analysis • Control Systems