

CAITLYN HENDERSON

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OBJECTIVE:

To obtain a position utilizing my mechanical experience, as well as my technological and communication skills to advance the mission of my employer

EDUCATION:

Northern Arizona University – Flagstaff, Arizona 2006-Present
Undergraduate, Mechanical Engineering - Anticipated Graduation: December 2011

Hamilton High School – Chandler, Arizona 2002-2006
Education included advanced placement and honors courses

EMPLOYMENT:

Northern Arizona University Department of Mechanical Engineering – Shop Manager 3/2007-Present
Manage and maintain the safety of those that use the campus machine shop, fabricate parts for faculty and student design teams

ATK Alliant Techsystems Inc. – College Intern 5/2010-8/2010
Systems Engineering
Created and implemented a Technology Readiness Level system to evaluate the development of all ATK products, educated employees on the use of the system

Orbital Sciences Corporation – College Intern 6/2009-8/2009
Propulsion Engineering
Wrote test procedures, organized, and managed tests for several pneumatic and ordnance components of rockets

Taurus II Systems Engineering 5/2008-8/2008
Wrote user's guide for the new Taurus II rocket, designed ground support equipment and custom facility layouts, participated in meetings and telecoms with representatives from the Yuzhnoye Design Office, Ukraine

KEI Integration and Test Engineering 6/2007-8/2007
Obtained basic skills and knowledge of rocketry, developed and edited CAD drawings, wrote test procedures, fabricated test assemblies, organized and participated in large-scale tests

ACTIVITIES:

Society of Manufacturing Engineers, NAU Chapter (NAU SME) 2010-2011
'10-'11: Founding Member, Secretary

American Society of Mechanical Engineers, NAU Chapter (NAU ASME) 2009-2011
'10-'11: Human Powered Vehicle Challenge (HPVC) Senior Design Team Member

Society of Automotive Engineers, NAU Chapter (SAE at NAU) 2006-2011
'09-'10: President
'08-'09: Vice President, Supermileage Design Team Leader
'07-'08: Communications Chair, Supermileage Design Team Leader
'06-'07: Supermileage Design Team Member

Hamilton High School FIRST Robotics Team #698 2003-2006
'05-'06: President, Press Representative, Mechanical Specialist
'04-'05: Secretary
'03-'04: Member

QUALIFICATIONS:

- Proficient in Microsoft Office, Microsoft Visio, SolidWorks 3D modeling software
- Capable of efficiently running both Microsoft Windows and Macintosh operating systems
- Proficient in the use of power tools: drill presses, saws, grinders, sanders, lathes, and mills
- Basic MIG welding skills
- First Aid certified

Additional information and references available upon request