

Andy Whiteside

Objectives

Mechanical engineering full-time position
Designing/ building/ testing mechanical or manufacturing systems

Education

2006-Present

Northern Arizona University

Flagstaff, AZ

- Senior in Mechanical Engineering Major
- Graduate in May 2010
- Current Cum GPA: 3.37/4.00
- Team Leader for Senior Capstone Project for W. L. Gore & Associates
- Dean's List for both semesters in Fall '06 and Spring '07
- Awarded tuition wavier based on academic accomplishment

2002-2006

Catalina High School Honors Program

Tucson, AZ

- Graduated in top 10% of class
- GPA: 3.97/4.00
- National Honor Society member
- Trumpet Section Leader in Concert band and Jazz band

Extracurricular Activities

- Member of Society of Automotive Engineers
- Co-designer in the NAU Supermileage Club. We designed and built a car, and competed at the 2009 Shell Eco-Marathon event in Fontana, California
- Solo Trumpet Chair in the NAU Jazz Bands
- 4-H youth coach
- Member of top placing team at 4H national competitions

Relevant Experience

Intern, W. L. Gore & Associates, Flagstaff, AZ, Summer 2009

- Designed aortic aneurism models for R&D, then modeled them in Solid Works
- Created stereolithography molds and cast silicone aneurism models
- Analyzed and produced processes and parts

Specific skills

- Microsoft Word, Power Point, Excel
- Solid Works modeling and analysis software
- Matlab
- Manufacturing processes: milling, lathe, plastic forming, and welding
- Silicone Casting
- Rapid Prototyping
- Design and perform experiments and utilize statistical analysis
- Preparing technical reports and giving oral presentations