

Hubert M. Gorka

1718 N Fort Valley Rd #102 Flagstaff, AZ 86001
928-225-7623
hmg25@nau.edu

Qualifications Summary

Strong interpersonal skills
3D modeling with Solidworks
Machine shop fabricating experience
Ample involvement with managing teams

Education

Northern Arizona University: Flagstaff, AZ 2006- present
Bachelor in Science and Mechanical Engineering
Expected date of graduation: May 2011

Experience

NAU Student Technology Center

Student Computing Assistant Flagstaff, AZ 8/2009 – Present

Supervisor: Cory Logan 928-523-8782

- Assisted students over the phone or in person and debugged computer problems while documenting the problem and solution
- Fulfilled lab aide responsibilities while helping at the computer labs
- Diagnosed software and hardware problems

NAU

Supplemental Instructor & Grader Flagstaff, AZ 8/2009 – 12/2009

Supervisor: Perry Wood 928-523-1447

- 3D modeling with Solid Works and knowledge in drafting and design
- Interacted with students during lecture to further assist in understanding 3D design
- Held 4 weekly sessions for tutoring

Frito Lay Internship

Summer Engineering Intern Casa Grande, AZ 06/2008- 08/2008

Supervisor: James Tidwell 520-426-6202

- Accomplished two quality inspection projects
- Created corporate presentations about quality improvements
- Coordinated with a managers in order to learn various plant procedures
- Learned about project management as well as manufacturing site management

Human Powered Vehicle (HPV) Capstone Team Leader

- Focused on human powered and mechanical efficiency in bicycles
- Organized meetings and set agenda and goals
- Made final decisions on design, materials and components
- Created 3D Solidworks files
- Fabricated frame, fairing and components

Extracurricular Activities

Established the American Society of Mechanical Engineers at NAU during sophomore year

President of (ASME): 2007-2010

Active founding member of (ASME): 2006-2010

- Researched ASME and its student benefits and projects
- Petitioned the engineering faculty and gave presentations in engineering classes about why others should join the ASME club
- Planned and organized weekly meetings
- Recruited students each year using NAU's resources
- Tripled the student membership and became most active section in AZ.
- Organized tours with several companies and organizations

ASME Activities

- The Human Powered Vehicle Competition
 - 2008: Reno, NV- 1st place in tandem category
 - 2010: Northridge, CA- 3rd place in women's sprint
- Student Leadership Seminar
 - 2009: Denver, CO
- Student Professional Development Conference
 - 2010: Tulsa, OK

Cycling Club

- Collegiate National Championship
 - 2006: Angel Fire, NM
- Sea Otter Classic
 - 2007: Monterey, CA

Certificates and Awards

Recognized scholar at the NAU college of Engineering (2006)

Participation in the ASME Student Leadership Training

Participation in the ASME Student Professional Development Conference

- Won the impromptu spaghetti tower competition

Significant Courses

- Renewable Energy
- Vibrations
- Machine Design
- Entrepreneurship in Emerging Technology
- Heat Transfer
- Experimental Methods in Thermal Sciences
- Aerodynamics