
3433 Cove View Blvd #2220 Galveston, TX 77554 (409)877-3308 wjinkins@gmail.com

Objective:

Internship or Co-Op working with Shape Memory Alloys in the aerospace industry

Education:

Texas A&M University, College Station, TX

Bachelor of Science Degree, Aerospace Engineering

Graduation December 2011

Mathematics Minor

Business Minor

Polymer Specialty Certificate

GPR 3.211

Relevant Classes:

- Processing and Characterization of Polymers
- Introduction to Polymer Engineering
- Polymer Nanocomposites and Their Applications

Study Abroad:

TAMU Aerospace Engineering Department

July 2010 – August 2010

- Studied for 5 weeks in Campinas, Brazil
Took Aerothermodynamics and Propulsion and Structural Analysis II

Experience:

Texas Institute for Intelligent Bio-Nano Materials and Structures for Aerospace Vehicles (TIIMS), Undergraduate

Research Assistant

September 2010 – Present

- Modeled responses of Shape Memory Alloys (SMAs) using ABAQUS
- Built working models that demonstrated the actuation abilities of SMAs

University of Texas Medical Branch, Summer High School Research Intern

Gastroenterology

Summer 2005

- Collaborated on research concerning the effect of dieting drugs on gastric motility

Pathology

Summer 2006

- Established method for isolating a glycosylated protein in *Ehrlichia Canis*

Schlitterbahn Galveston Island, Lifeguard Supervisor

April 2006 – Present

- Progressed from lifeguard to lead guard to supervisor
- Acted as liaison between lifeguards and upper management
- Developed customer relations communication skills
- Worked calmly and efficiently under pressure
- Trained lifeguards concerning duties and responsibilities
- Instructed new supervisors about policies and procedures

Activities:

- TAMU Aerospace Engineering Solar Powered Aircraft Team
• Director of College Competition Spring 2010 – Present
- Memorial Student Center Wiley Lecture Series—TAMU
• Director of Student Development Fall 2007 – Present
- American Institute for Aeronautics and Astronautics Fall 2009 – Present
Fall 2007 – Present

Awards & Honors:

- President's Endowed Scholarship—TAMU
- Endowed Opportunity Scholarship--TAMU