

Mick Eng

meng@gmail.com

386-555-1234

Objective To obtain an internship or co-op in the mechanical engineering field

Education Embry-Riddle Aeronautical University (ERAU) Daytona Beach, FL
Bachelor of Science, Mechanical Engineering December 2011
Minor: Mathematics GPA: 2.8/4.0
Concentrations: High Performance Vehicles, Robotics

Relevant Coursework: Robotics, Vehicle Design and Aerodynamics, Control Systems, Materials w/ Lab, Dynamics, Modeling and Numerical Simulation, Electrical Engineering w/ Lab, Statics, Solids, Fluids, Physics I-III w/ Lab, Diff. Equations, Advanced Eng. Mathematics

Project Experience **SAE - Formula Hybrid Team:** Suspension group leader for 2011 team.
Designed the energy-absorbing impact attenuator. Presented sales pitch at competition (3rd place). Helped with the fabrication, maintenance, and assembly of the vehicle. Took 1st place nationally and 2nd overall.

MATLAB Project – Robotic Manipulation Analysis: Individual project.
Wrote programs for robotic arms of up to six degrees of freedom that calculated the position of the tool given rotation matrix, or that would derive the rotation matrix given the desired position and restrictions of the robotic arms.

AUVSI International Aerial Robotics Competition-Unmanned Helicopter: Member of an 8-person team. Worked on the autopilot programming and modification, as well as the digital signal processing of the helicopter's "eye". Helped with the fabrication, maintenance, and assembly of the helicopter.

Work Experience Embry-Riddle Aeronautical University Daytona Beach, FL
Supplemental Instructor- Physical Sciences Jan 2009 – Present

- Facilitate extra help sessions in Physics I & II

Peer Mentor- First Year Programs Sept 2009 – Present

- Assist University 101 instructors and present various class information
- Plan teaching schedule with instructor
- Act as mentor/role-model to incoming freshmen

Pediatric Orthopedic & Scoliosis Associates Annandale, VA
Administrative Assistant and Receptionist Summer 2008

- Scheduled 80+ patient appointments daily
- Completed data entry into Medical Manager and organized patient information
- Multi-tasked to respond to phones, patients' questions and doctors' needs

Skills *Design:* CATIA v5
Software: Microsoft Word, Excel, PowerPoint, Publisher; Bloodshed Dev-C++
Programming Languages: MATLAB, C, Java
Languages: Spanish (fluent)

Leadership & Activities Founder, American Society of Mechanical Engineers
Formula Hybrid Team Member, Society of Automotive Engineers
Vice President, Society of Physics Students
Treasurer, Embry-Riddle Resident Student Association