

OBJECTIVE: Seeking an entry level mechanical engineering position in a global and dynamic company, in order to apply academic knowledge into solving challenging design problems.

EDUCATION: **University of Miami** – Coral Gables, FL
Bachelor of Science in Mechanical Engineering, May 2007
GPA: 3.45

Related Coursework:

- Automatic Controls
- Internal Combustion Engines
- Robotics
- Vibrations
- Advanced Mechanics of Solids
- Heat Exchangers
- Fluid Dynamics
- Thermodynamics
- Materials Science

Engineering for the Americas – Miami, FL, January 2007. Rochester, NY, July 2007
Leadership and innovation seminar held by the University of Miami and the University of Rochester

EXPERIENCE: **Senior Design Project** – May 2007
HVAC Testing Equipment

- Designed and developed a system to test various thermodynamic and heat transfer properties of a spot cooler, using temperature, pressure and humidity transducers coupled with a data acquisition system and software.
- The system is to be used as part of the Experimental Engineering Lab coursework, at the University of Miami

ASME Student Design Competition Winner – Gainesville, FL, March 29 – March 31 2007
Team Member

- Contributed to the design and manufacture of a human powered water still
- Team won the district F competition

CaneNet Connection / End User Support – Coral Gables, FL, September 2005 - Present
Systems Analyst / Trainer

- Trained faculty and staff in the use of Microsoft Office applications such as Excel and Outlook
- Set up internet accounts for University of Miami students to be used on campus
- Serviced and troubleshot student/faculty computers by removing virus and spyware and by updating/replacing hardware components

PUBLICATIONS: **IMECE2007-41190** An Alternative Field Test for Spot Air Conditioning Units – September 2007

CLUBS AND JOBS:

- President of UM Robotics Club
- American Society of Mechanical Engineering
- Peer Counselor for incoming freshmen Engineers
- UM Society of Hispanic Professional Engineers
- President and Founder of the UM Anime Club

SKILLS:

- Fluent in Spanish
- Pro/ENGINEER
- MatLab
- Microsoft Office
- Adobe Photoshop

HONORS AND AWARDS:

- Student Employee of the Month, University of Miami IT End User Support
- Dean's List
- Scholastic Art Award for Excellence in Visual Arts