

Arturo E. Mesias

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EDUCATION

Bachelor of Science in Mechanical Engineering, December 2014
University of Florida, Gainesville, Florida
Current GPA: 3.42/4.00 Cum Laude

Associate of Arts in Engineering, December 2011
Santa Fe College, Gainesville, Florida
GPA: 3.61/4.00

EXPERIENCE

Intern at Köppern International, May 2014 – August 2014
Development and Design, Assembly, and Electro-chemical Machining, Hattingen, Germany

- Worked in the assembly line for high pressure grinding rollers presses (HPGRs)
- Participated in a team working in heat balance for a system of high pressure grinding rolls
- Worked in the design and optimization of high pressure grinding rollers presses (HPGRs) of different sizes for ore crushers

Design and Manufacturing Project, May 2013- August 2013
Design and Manufacturing (EML2322L), University of Florida, Gainesville, FL

- Successfully designed and manufactured a mobile device, designed the main framework of a mobile device that was intended to transport and classify tennis and golf balls

Widget Part Inspector Project, May 2012-August 2012
Computer Aided Graphics and Design, Department of Mechanical and Aerospace Engineering, University of Florida, Gainesville, FL

- Used VisionGauge online high speed Automated Optical Inspection systems (AOI) to design a part inspector mechanism
- Developed a mechanism framework that allows easy movement of the inspector for better measurement

AWARDS

- Dean's List Santa Fe College May 2010 –December 2010
- Graduated Cum laude

INVOLVEMENT

- Member of the Society of Hispanic Professional Engineers
- Member of the Hispanic Organization for Latino Activities
- Member of the American Society of Heating, Refrigeration, and Air-Conditioning Engineers

SKILLS

- Bilingual – Fluent in Spanish
- Experienced on: MATLAB, LABVIEW, Microsoft Office, Solid Works
- Analysis and problem solving skills
- Adaptable to diverse working environments

REFERENCES

Upon Request