

MANNY FACTURE

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OBJECTIVE

Bilingual, Mechanical Engineering senior with Proctor & Gamble Internship, robotics experience, and leadership skills seeking the ABC position with XYZ company.

EDUCATION

Texas A&M University – Corpus Christi

Bachelor of Science in Mechanical Engineering, Minor in Mathematics, GPA 3.33

May 20xx

RELEVANT COURSES

Manufacturing Sciences
Cellular Mechanics

Mechanical Systems Experimentation
Engineering Statistics and Quality Control

Fuel Cell Systems
Engineering Graphics

SKILLS

Software: MATLAB, AutoCAD, Creo Pro/E, Autodesk Inventor, ANSYS, ADAMS, Microsoft Office Suite

Machines: Mill, Lathes, Drill Press, Band Saw

Languages: Fluent in Spanish & English

RELATED EXPERIENCE

Procter & Gamble Manufacturing Company, Engineering Intern, Lima, OH

May – Aug. 20xx

- Commended by supervisor for completing projects 3 weeks ahead of schedule
- Conducted line trials to determine plant capability and made recommendations for noise mitigation
- Implemented a daily management system for tracking scrap in order to reduce weekly accumulation

RELEVANT PROJECTS

Suitcase with Vacuum Pump, Design II

Aug. – Dec. 20xx

- Developed and built a suitcase with a vacuum pump that removed excess air to increase packing capacity by up to 50%, allowing travelers to bring more personal items per trip

Temperature Controlled Shipping Unit

Jan. - May 20xx

- Designed/analyzed (FEA) a shipping container that can bring a biospecimen container to 4°C within 10 min.
- Devised the system such that it is functional in 60°C ambient temperature

Swinging Gripper, Design I

Aug. – Dec. 20xx

- Led a team of five people to create a robotic gripper that used a small motor torque to hold onto a billiards ball through one full swinging motion
- Constructed a 3D representation of the gripper in SolidWorks and ran stress simulation on the model

Head Mechanic and Buggy Chairperson, Pi Kappa Alpha Fraternity

Aug. 20xx-May 20xx

- Customized and built a gravity racer, out of composite materials, for annual university racing competition
- Decreased race time by more than 5 seconds with design of new steering system

LEADERSHIP

Vice-President, Student Volunteer Connection, Corpus Christi, TX

Jan. 20xx-Present

- Plan/implement several outreach events in the Coastal Bend area to bring awareness to the importance of STEM

ADDITIONAL EXPERIENCE

Desk Attendant, Miramar Housing, Corpus Christi, TX

Aug. 20xx-May 20XX

- Checked student IDs to implement security protocols and ensure the safety of residence hall students

ACTIVITIES & HONORS

Society of Hispanic and Professional Engineers (SHPE)

Jan. 20xx-Present

Pi Kappa Alpha Fraternity

Aug. 20xx - Present