

Carlos A. Velazquez

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OBJECTIVE

Sophomore Mechanical Engineering student seeking an internship for Summer 2023 to develop my technical skills in design and manufacturing.

EDUCATION

Texas A&M University, College Station, Texas
Bachelor of Science in Mechanical Engineering

Graduation: May 2025
GPA: 3.64/4.00

PROJECTS

2 Turbo V6 Engine

October 2022 – Present

- Utilized **SolidWorks** to create a detailed 3D model of an engine based on images by assembling several individual parts
- Researched how an engine works, the function of each component, and how to read engineering drawings

Personal Website

October 2021 – Present

- Designed and developed a personal website using **HTML 5** and **CSS**
- Utilized GitHub to view the website's progress

Pig Game

November 2021 – December 2021

- Collaborated with a team to design Pig Game, a rolling dice game, using **Python**
- Developed the menu options, rules of the game, and dice as well as set objectives

WORK/LEADERSHIP EXPERIENCE

Society of Hispanic Professional Engineers, Texas A&M University
Athletic Representative

August 2021 – Present

- Organized all athletic logistics, including SHPE intramural leagues, Friday Fitness, and Get Fit with SHPE
- Managed the Workout Community Point System using **Excel** to keep track of 80 members' points

SHPEathon Mentor/Judge

December 2021 – February 2022

- Assisted in organizing the first annual SHPEathon, a hackathon event, by developing the format of the competition of 40 participants
- Mentored participants by assisting with a financial budget, design documents, presentations, and sales pitches
- Judged teams' presentations and gave feedback on the final day of the competition

Complete Printing and Publishing, Carthage, Texas
Seasonal Bindery Machine Operator

June 2021 – August 2022

- Operated stamping, stitching, pressing, trimming, and binding machines and maintained them for proper function on the next job order
- Observed up to three machines at a time quickly resolving any errors to prevent loss of production
- Produced 8-10 job orders daily to ensure orders are received by customers in a timely manner and to increase company efficiency

Big Event, Texas A&M University
Jobsite Leader

March 2022

- Coordinated a team of seven volunteers to help clean up an elderly resident's home
- Ensured job site was well staffed with volunteers and equipment for a successful event

HONORS

Deans Excellence Award

July 2021

- Awarded by the College of Engineering to students who obtain a 3.75 GPA or above each semester

HSF Scholar

June 2022

- Awarded by the Hispanic Scholarship Fund from a highly competitive pool of applicants

SKILLS

Bilingual (Spanish/English), SolidWorks, Python, Microsoft (Word, Excel, PowerPoint) HTML, CSS, JavaScript