

Carlos A. Velazquez

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OBJECTIVE

Sophomore mechanical engineering student seeking an internship for Summer 2023 in a role to allow me 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: 3.64/4.0

WORK/LEADERSHIP EXPERIENCE

Complete Printing and Publishing, Carthage, Texas
Bindery Machine Operator

July 2022 – August 2022
June 2021 – August 2021

- Operated stamping, stitching, pressing, trimming, and binding machines and maintained them to ensure proper function on the next job order.
- Observed up to 3 machines at a time quickly handling any errors to prevent loss of production.
- Produced 8-10 job orders daily to ensure that customers receive their orders in a timely manner.

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

August 2021 – Present

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

Big Event, Texas A&M University
Jobsite Leader

March 2022

- Coordinated a team of 7 volunteers to help clean up an elderly resident's home.
- Ensured job site was well staffed with volunteers and equipment for a successful event.

SHPEathon, Texas A&M University
Mentor/Judge

December 2021 – February 2022

- Assisted in organizing the first annual SHPEathon 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.

PROJECTS

2 Turbo V6 Engine

August 2022 – Present

- Utilize **SolidWorks** to create a detailed 3D model of an engine based on images.
- Comprehend how an engine works and the function of each part.

Personal Website

October 2021 – Present

- Designing and developing a personal website using **HTML 5** and **CSS**.
- Utilize 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**.
- Contributed to coding the menu options, rules of the game, and dice as well as setting objectives.

HONORS

Deans Excellence Award

July 2021

- Awarded by the College of Engineering for an excellent academic record.

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