

# Eliseo Garza

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## OBJECTIVE

Seeking a software engineering internship to challenge my programming knowledge during the Summer of 2023.

*Expected Coursework: Data Structures and Algorithms, Computer Organization, and Programming Languages by the Summer of 2023.*

## EDUCATION

**Texas A&M University**, College Station, Texas  
*Bachelor of Science in Computer Science*

**Graduation May 2025**  
GPA: 3.9/4.0

## EXPERIENCE

### Texas A&M College of Engineering

*Engineering Peer Teacher*

**Fall 2022 – Present**

*College Station, TX*

- Responsible for grading over **50** assignments per week while providing feedback to students.
- Held weekly hour-long office hours to further assist students in developing their knowledge of Python.

### SEC Directed Internship (MathWorks)

*Project Design Intern*

**Summer 2022**

*Houston, TX*

- Collaborated to design a solution that would prevent flooding and minimize hazards due to rising sea levels.
- Used MATLAB to create a script that allowed users to input a year in the future and returned the approximate rise in sea level using over **1 million** data points sourced from the University of Colorado Sea Level Research Group.
- Established a financial plan based off of similar projects while showcasing a potential timeline for the construction and development of wetlands.

## PROJECTS

### Chemistry Guide

**Fall 2022 – Present**

- Created a chemistry guide using Markdown files, Docusaurus, and GitHub repositories to serve as a resource for students taking related courses.
- Outlined the process required to build and maintain guides for contributors.

### Personal Website

**Fall 2021 – Present**

- Designed and developed a website using HTML5 and CSS hosted through GitHub Pages.
- Used Bootstrap to ensure the website would be viewed properly on varying screen sizes.

## EXTRACURRICULAR

### Society of Hispanic Professional Engineers

*Technical Affairs – Lead*

**Fall 2021 – Present**

*College Station, TX*

- Utilized JavaScript to maintain and update an Automated Point Sheet responsible for calculating membership points of **300+** members within the organization.
- Maintained and developed online guides to assist students.
- Attended weekly meetings and improved upon technical skills by focusing on front-end web development.

### SHPEathon Competition

*OPTO – 2<sup>nd</sup> Place*

**Spring 2022**

- Managed a 4-member team during a weekend-long competition, establishing a mock company that enhanced the life of college students academically, professionally, and socially.
- Presented the financial and marketing plan to **50+** people providing insight into how our company would become successful and profitable.

## SKILLS

Bilingual (English/Spanish) | Microsoft Excel and Word | MATLAB | Python | C++ | JavaScript | HTML5 | CSS