

# Eliseo Garza

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## OBJECTIVE

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

## EDUCATION

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

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

## WORK EXPERIENCE

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### Engineering Peer Teacher

**Fall 2022 – Present**

- 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)

**Summer 2022**

*Project Design Intern*

- Worked with a team to design and develop 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 have the approximate rise in sea level returned using data 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.

## LEADERSHIP EXPERIENCE

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### Society of Hispanic Professional Engineers

**Fall 2021 – Present**

*Technical Affairs – Lead*

- Utilized JavaScript to maintain and update the Automated Point Sheet which is responsible for calculating the points of **300+** members within the organization.
- Created a chemistry guide using markdown files and GitHub repositories to serve as a resource for students taking related courses.
- Attended weekly meetings providing insight and helping others with their individual websites.
- Developed and improved upon technical skills by focusing on front-end web development and robotics.

## PROJECTS

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### Personal Website

**Fall 2021 – Present**

- Designed and developed a website using HTML5 and CSS written through Visual Studio Code.
- Simultaneously utilized GitHub to push and later commit changes to my website.

### SHPEathon

**Spring 2022**

*OPTO – 2<sup>nd</sup> Place*

- Collaborated with a team during a weekend-long competition to establish a mock company that enhanced the life of college students academically, professionally, and socially.
- Invented a product allowing students to read their professors as they spoke, utilizing glasses with a clear screen in front of one eye to display readable subtitles.
- Led sales pitch by covering the design plan for our product and further elaborating on our target audience.
- Responsible for presenting the financial and marketing plan to **50+** people providing insight into how our company would become successful and profitable.

## SKILLS

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