

# Eric (Zac) Castaneda

(361) 800-2898 | [zac.castaneda@gmail.com](mailto:zac.castaneda@gmail.com) | [linkedin.com/in/eric-castaneda-61767a239](https://www.linkedin.com/in/eric-castaneda-61767a239)

## OBJECTIVE

A senior in Computer Science with a concentration in Systems Programming; previous experience in AI; currently looking for the position of Recorder in meetings over Artificial Intelligence for Summer 2024.

## EDUCATION

**Bachelor of Science in Computer Science, Concentration: Systems Programming**  
Texas A&M University-Corpus Christi

Dec.2024

## RELEVANT COURSEWORK:

Computer Architecture  
Data Structures  
Models of Computation

Calculus 2  
Algorithms  
Operating Systems

Software Engineering  
Object-Oriented Programming  
Project Management

## RELEVANT SKILLS

Software: C, C#, C++, Java, Python, HTML, MATLAB

Platforms: Linux, iOS, Weebly, Repl.it, Unix, Microsoft Office

Languages: English (Native Speaker), Spanish (Limited Working Proficiency)

## RELATED PROJECTS

**Rendezvous, Interactive Group Calendar, Object-Oriented Programming**

Fall 2023

- Led a cross-functional team through the entire project lifecycle, from conceptualization to launch, ensuring timely delivery and adherence to budget constraints.
- Conducted market research to identify key features and integrations that would provide competitive advantages, such as event management, real-time notifications, and customizable views for different organizational roles.
- Evaluated project outcomes against initial objectives and key performance indicators, delivered a comprehensive report on project successes, lessons learned, and recommendations for future developmental phases.

**Extent on AI Perturbations, Models of Computation**

Spring 2023

- Designed and implemented a comprehensive research plan that included both theoretical analysis and practical experimentation with various AI systems.
- Conducted thorough literature reviews and engaged in discussions with experts in the field to gain insights into the latest research and trends in AI perturbations.
- Presented research findings in a clear and engaging manner, using data visualization tools and effective communication strategies to convey complex information to diverse audiences.

**Social Engineering Research, Cyber Security**

Fall 2022

- Demonstrated strong analytical and critical thinking skills, applying these abilities to identify and interpret research data.
- Analyzed and synthesized complex data sets, identifying key patterns and trends to inform recommendations and conclusions.
- Contributed to the success of the research project by demonstrating a strong work ethic, attention to detail, and a commitment to achieving project goals.

**Syllabus Generator Program, Intro**

Fall 2022

- Contributed to the team's success by demonstrating strong interpersonal skills, effective problem-solving abilities, and a commitment to achieving project goals.
- Provided technical expertise and support to team members, troubleshooting issues, and ensuring the project was delivered to a high standard.
- Facilitated team communication and promoted a positive team culture, fostering collaboration and creativity.
- Coordinated team meetings and managed project timelines, ensuring timely completion of all deliverables.

## **EXPERIENCE**

### **AI Policy Intern, Office of State Representative Todd Hunter, Corpus Christi, Texas**

May 2024 – Present

- Conducted thorough research and analysis on emerging AI technologies and their potential impacts on society, contributing to informed policy-making decisions.
- Engaged with stakeholders, including industry experts, academics, and advocacy groups, to gather insights and build consensus on AI policy initiatives.
- Monitored and analyzed legislative developments and trends in AI policy at the state and federal levels, providing timely updates and strategic recommendations to the Representative and staff.

### **Research Study, TAMUCC, Corpus Christi, Texas**

Jan. 2024 – May 2024

- Developed proficiency in ArcGIS for advanced mapping and spatial analysis, contributing to the creation of detailed 3D building models and enhancing spatial data visualization.
- Acquired knowledge in indoor mapping techniques and technologies, including the use of Bluetooth beacons to design and implement an indoor GPS system.
- Managed and manipulated spatial data for GIS projects, encompassing data collection, cleaning, integration, and storage, ensuring accuracy and reliability of spatial information.
- Enhanced technical communication abilities, preparing comprehensive reports, presentations, and documentation that articulate complex GIS concepts and project findings to non-technical audiences.

## **ADDITIONAL EXPERIENCE**

### **Sales Representative, Vans, Midland, Texas**

Feb. 2021 – June 2021

- Listened actively to customers, understood their needs, and provided solutions
- Applied sales techniques to meet and exceed sales targets.

### **Cross Trainer, Raising Canes, Midland, Texas**

Feb. 2020 – Feb. 2021

- Trained new employees on restaurant policies, procedures, and customer service standards.
- Responded to customer inquiries and complaints and resolving issues in a professional and courteous manner.

## **LEADERSHIP**

### **Sigma Phi Epsilon Fraternity**

Aug. 2022 – Present

#### **Vice President of Communications**

- Engaged in various personal and professional development opportunities, such as leadership training, community service, academic support, and networking events.
- Oversaw the Chapter's entire communication strategy, coordinating both internal and external messaging, which lead to in an increase in recruitment, and community involvement.
- Responsible for the accurate recording and documentation of meeting minutes.

#### **Vice President of Programming**

- Actively participated in a broad range of personal and professional development activities, including specialized programming workshops, industry networking events, technical skill-building sessions, and collaborative community projects.
- Led the design and implementation of the Chapter's comprehensive programming strategy, ensuring a cohesive schedule of events that bolstered member engagement, skill development, and external partnerships.
- Oversaw the meticulous organization and documentation of event details, participant feedback, and session outcomes to continuously improve programming quality and relevance.

## **ORGANIZATIONS**

Sigma Phi Epsilon, Texas Chi, TAMUCC, Corpus Christi, TX

Fall 2022 – Present

Islander Fraternity Council, IFC, TAMUCC

Fall 2022 – Present

Student Volunteer Connection, TAMUCC

Fall 2022 – Present

## **AWARDS**

Brotherhood of the Year Award

Spring 2023