

# Javier Betancourt

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## EDUCATION

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### Texas A&M University

College Station, TX

Bachelor of Science in Computer Science; Minors in Mathematics, and Game Design and Development Expected in May 2026

Cumulative GPA: 3.74

Relevant Coursework: ENGR 102, MATH 151, MATH 152, MATH 153, MATH 308, Honors CSCE 120 (Program Design and Concepts), Honors CSCE 222 (Discrete Math), CSCE 221 (Data Structures and Algorithms), CSCE 312 (Computer Organization), CSCE 314 (Programming Languages)

## SKILLS, CERTIFICATES, AND INTERESTS

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**Skills:** Fluent in English, Spanish, C++, C#, Python, Assembly, SQL, Elasticsearch

**Certifications & Training:** 8 Professional Development Hours (Fundamentals of Cyber Security)

**Interests:** Software Development, Game Development, Digital Design, Artificial Intelligence

## PROJECTS

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### Zanzibar Game

May 2023

- As a group tasked with the design of both logic and user interface of a dice game classic, Zanzibar, using Python, while developing communication and teamwork skills.

### Reveille Reserve

January 2024

- As a group participating in TamuHack, using HTML, Python, and CSS, we designed a website in 24 hours to help people set saving goals on a month to month basis.

### Wordle

April 2024

- Revamped and redesigned Wordle from start to finish using Java and JavaFX. Implemented a more efficient method for saving scores and updating player statistics in real-time during gameplay, while enhancing the overall user experience.

## ACTIVITIES

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### Texas A&M Cybersecurity Club Tech Committee

College Station, TX

Committee Member

Feb 2023 – Present

- Replaced the clubs SQL database back end with elasticsearch indices by translating SQL queries into elasticsearch queries to expand the flexibility for information on club member profiles.
- Collaborated with a team to make club operations flow more smoothly. By allowing event scheduling to be more successful, while allowing club officer's the ability to track event attendance, and overall club points in a more effective manner.

### Craig and Galen Brown Engineering Honors

College Station, TX

Member

Aug 2023 – Present

- Advised freshman in general engineering on courses to take during upcoming semesters.
- Allowed opportunities to take advantage of honors courses, allowing for better understanding of subjects and the ability to make long lasting connections with professionals in the field.

### Fall Capture the Flag

College Station, TX

Competitor

Oct 2023

- Cooperated as a key member of a collaborative team taking on the challenge of learning new tools used in cyber security.
- Encouraging us to showcase problem-solving skills and teamwork in a competitive environment.

## WORK EXPERIENCE

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### Texas A&M University - Department of Computer Science and Engineering

College Station,, TX

Undergraduate Teaching Assistant - CSCE 120 Program Design Concepts

Feb 2024 – Present

- Guided students in weekly labs, helped in their error management, and enhanced their knowledge of C++ concepts.
- Collaborated closely with instructors to maintain an effective flowing course of which 700+ students are taking.