

Zuriel Gonzalez

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EDUCATION

Union College - Schenectady, NY

Bachelor of Science in Computer Science

June 2026

- **GPA:** 3.57

IDEA South Flores - San Antonio, Texas

IB Diploma, High School Diploma

May 2022

ACADEMIC EXPERIENCE

Scholars Program - Union College

Fall 2022-Present

- A rigorous academic initiative for outstanding incoming students, emphasizing research, and interdisciplinary problem-solving.
- Engaged in advanced coursework and research opportunities.
- Applied creative and critical thinking to problem-solving.

Natural Language Processing - Union College, Computer Science Department

Winter 2025

- Collaborated with team members on developing a system that answers questions given tabular data.
- Designed and implemented text classification systems and language models
- Developed comprehensive, research-style reports detailing algorithm design, data analysis, and project evaluation.

Data Structure - Union College, Computer Science Department

Winter 2024

- Analyzed algorithm complexity and made informed decisions based on space/time tradeoffs.
- Explored various data structures and created well-organized, reusable, and understandable programs.
- Gained hands-on experience with Java programming, including object-oriented concepts, data structures, and algorithmic problem-solving.

Can Computers Think? - Union College, Computer Science Department

Winter 2023

- Gained hands-on experience implementing algorithms in Python.
- Developed a strong foundation in problem-solving by breaking down complex tasks into smaller computational steps.
- Implemented and developed AI algorithms in coding software programs such as Python.

LEADERSHIP EXPERIENCE

President of Coding Club, San Antonio, TX

Sep 2021-May 2022

- Assisted fellow students with coding, debugging, and understanding the programming concepts.
- Managed time effectively by balancing club responsibilities, studies, and volunteering at the library.

SKILLS

- **Technical:** Hardware, Operating Systems (Windows, Linux), BIOS, Component Selection
- **Programming:** Java, Python, SQL, HTML, CSS
- **Language:** Fluent in Spanish, Intermediate in Chinese-Mandarin