

Isaias E. Gonzalez

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Education

College of Natural Sciences and Mathematics, University of Houston

May 2026

Bachelor of Science in Computer Science, Minor in Management Information Systems

Houston, TX

- **Cumulative GPA:** 3.67/4.0
- **Honors & Awards:** NSM Dean's List, Academic Excellence Scholarship
- **Relevant Coursework:** Object-Oriented Programming, Data Structures, Algorithms, Database Systems, Operating Systems, Systems Analysis and Design

Experience & Leadership

Guzo

May 2024 – Present

Software Engineer Intern

Houston, TX

- Contributing to pre-launch **software development** and leading **UX/UI improvements** for Guzo, an AI-powered platform that generates personalized roadmaps to help users achieve their goals.
- Efficiently mastered **4** full-stack development technologies in **8 weeks**, including **React**, **Python**, **FastAPI**, and **Firebase**, while developing core features such as journey management functionalities and the front-end task page.
- Collaborating in an agile environment, where I've participated in **10+** code reviews to maintain high quality code standards and presented **10** technical and UX/UI improvement proposals.

CougarCS

January 2024 – Present

Design Officer

Houston, TX

- Crafted **30+** visual assets and promotional videos using **Figma** and **Adobe Creative Cloud Suite**, significantly enhancing the brand presence and engagement of the University of Houston's largest computer science organization.
- Contributed to **8** promotional initiatives through in-class presentations and campus events, resulting in a **30% increase** in campus visibility and membership.

Code Ninjas

May 2023 – January 2024

Coding Instructor

Deer Park, TX

- Facilitated coding education weekly for an **average of 30 students** aged 5 to 15 using MakeCode Arcade, fostering their skills through engaging video game projects.
- Arranged **10** summer camps, involving **80+ students** in hands-on technology subjects, including web development, Python programming, cryptography, video production, and beyond.

Projects

Financy - Financial Tracker | MongoDB, Express.js, React, Node.js, Figma

July 2024 – September 2024

- Collaborated with a partner to develop a **full-stack application** that provides users with detailed financial metrics based on their income and expense inputs.
- Designed **wireframes** and **interactive prototypes**, visualizing **user flows** and enhancing overall design aesthetics.
- Built responsive **React** user interfaces with a component-based architecture, integrating **Axios** for efficient **API communication** and ensuring seamless data flow between frontend and backend systems.

Virtual Pet Simulator | C++

April 2023 – May 2023

- Created a Tamagotchi-style game using **object-oriented programming** enabling players to interact with their pet and maintain its status metrics.
- Implemented **inheritance** and **polymorphism** to assign unique attributes to each animal, enhancing game complexity and dynamic behavior.

Technical Skills

Languages: Python, C++, JavaScript, HTML, CSS, SQL

Frameworks & Libraries: React, Node.js, Express.js, Tailwind CSS, FastAPI

Developer & Design Tools: Git, Github, Postman, Firebase, MongoDB, Visual Studio Code, Figma, Adobe Creative Cloud Suite

Certifications: Adobe Certified Professional in Adobe Photoshop and Adobe Premiere Pro (2022)