Isaias E. Gonzalez

Houston, TX | (832) 455-6101 | xisaiasgonzalez@gmail.com | linkedin.com/in/isaiasegonzalez |
github.com/isaiasegonzalez | isaiasgonzalez.com

Education

College of Natural Sciences and Mathematics, University of Houston — May 2026
Bachelor of Science in Computer Science, Minor in Management Information Systems — *GPA: 3.67*
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*
- Facilitate pre-launch **software development** and lead **UX/UI improvements** for Guzo, an AI-powered platform that generates personalized roadmaps to accelerate user progress towards personal goals.
- Mastered **4** full-stack development technologies in **8 weeks**, including **React**, **Python**, **FastAPI**, and **Firebase**, applying these skills to develop core features such as journey management functionalities and the front-end task page.
- Collaborate in an agile environment, having engaged in **10+** code reviews to maintain high-quality code standards and presented **10** technical and design improvement proposals, leveraging strong problem-solving and communication skills.

CougarCS — January 2024 – Present
Design Officer — *Houston, TX*
- Crafted **30+** visual assets and promotional videos using **Figma** and **Adobe Creative Cloud Suite**, elevating the brand presence and engagement of the University of Houston's largest computer science organization.
- Executed **8** promotional initiatives, including in-class presentations and campus events, resulting in a **30% increase** in campus visibility and membership through targeted outreach and creative event marketing strategies.

Code Ninjas — May 2023 – January 2024
Coding Instructor — *Deer Park, TX*
- Delivered coding education weekly for an **average of 30 students** aged 5 to 15 using MakeCode Arcade, fostering programming skills through engaging video game projects.
- Coordinated **10** summer camps involving **80+ students** in hands-on technology subjects, including web development, Python programming, cryptography, video production, and beyond.

Projects

The Fine Arts Gallery | *MySQL, AWS, Node.js, Express, React, Tailwind CSS, Figma, Trello* — September 2024 – Present
- Lead a team of **4 people** in developing a full-stack museum platform with an integrated **relational database system**, enhancing customer experience and generating reports on exhibition engagement and product revenue.
- Implemented **4** entities for secure user sign-in, employee profiles, department management, and staff task allocation.
- Direct all production phases utilizing **Trello** for sprint and task management, achieving a **100%** goal completion rate across **3** checkpoints while optimizing team productivity and project timelines through effective **project management**.
- Drive project design direction and UX/UI development using **Figma**, creating **10+** wireframes ahead of sprints to ensure seamless implementation by team members.

Financy | *MongoDB, Express.js, React, Node.js, Figma* — July 2024 – September 2024
- Engineered a full-stack financial metrics application with a partner, spearheading UX/UI design through **8** wireframes and an interactive prototype to create intuitive user flows and establish visually appealing aesthetics.
- Built **10+** responsive user interface components, integrating **Axios** for seamless API communication between frontend and backend systems.
- Enhanced project efficiency by optimizing the file architecture, consolidating reusable components, and reducing code redundancy by **25%**, resulting in a more maintainable and scalable codebase.

Technical Skills

Languages: Python, C++, JavaScript, HTML, CSS, SQL
Frameworks & Libraries: React, Node.js, Express.js, Tailwind CSS, FastAPI, MySQL, MongoDB
Tools: Git, Github, Postman, Firebase, Amazon Web Services, Vercel, Figma, Adobe Creative Cloud, Jira, Trello
Certifications: Adobe Certified Professional in Adobe Photoshop and Adobe Premiere Pro (2022)