

Anthony J. Contreras Linarez

clanthony.j@gmail.com | (347) 691-8265 | [GitHub](#) | [LinkedIn](#) | New York, NY

Professional Summary

Motivated computer science student pursuing dual B.S. and M.S. degrees with strong foundations in front-end engineering, data science, and full-stack development. Experienced in building interactive web applications and applying AI and machine learning models to real-world problems. Passionate about designing clean, responsive interfaces that make technology accessible.

Projects

Stroke Prediction Model

July 2024

- Built and evaluated a stroke risk prediction model using Python, Pandas, and Scikit-learn on a 5,000+ record Kaggle dataset, achieving **85% accuracy** and demonstrating potential for early patient risk identification.
- Improved the model's reliability by **boosting precision and recall** through feature engineering and tuning, **helping reduce false predictions and support more confident clinical decisions**.

Sentiment Analysis Website

August 2025

- Developed a React + Django web app using the ChatGPT API to deliver real-time sentiment analysis with **92% consistency**, helping users understand emotional tone more accurately.
- Optimized backend/frontend communication to **cut response time by 40%**, resulting in smoother interaction and higher user retention.

Professional Experience

Corazones Libres – Technical Lead & Web Developer

Jul 2025 – Present

- Led end-to-end design and development of the nonprofit's website, delivering the primary **digital platform for food assistance and education programs** ahead of public launch, enabling the organization to begin community outreach immediately upon launch.
- Built responsive, mobile-first program, partnership, and donation pages using WordPress + custom CSS, **improving layout consistency and reducing navigation friction** across key user flows, resulting in a more accessible and intuitive experience for diverse community members.
- Partnered with nonprofit leadership to translate community needs into technical requirements, ensuring **donor flow, content hierarchy, and frontend features** aligned directly with community impact goals, reducing revision cycles and accelerating launch readiness.
- Managed frontend architecture, SEO foundations, and performance optimization, establishing a **scalable codebase** that improved search discoverability and is positioned to support future traffic growth and program expansion.

Programs & Technical Training

Street Wise Partners – 13-week program

Sep 2025 – Dec 2025

- Mentorship and career coaching program focused on professional development, interview readiness, and networking for underserved communities.
- Collaborated with an industry mentor on resume building, mock interviews, and networking strategies, significantly improving professional communication and job-search confidence.

TechWise Program (Supported by Google) – 18-month fellowship

Jan 2023 – Sep 2025

- Built ML and data-driven applications using Python, Pandas, NumPy, and Scikit-learn, **strengthening predictive accuracy and enhancing data-driven decision-making**.
- Developed full-stack projects with React, Node.js, Express, and MongoDB; **raised code quality through structured reviews**, which reduced bugs and sped up feature delivery.

CodePath Intermediate Software Engineering Program – 10 weeks

Spring 2025

- Implemented algorithms and data structures (trees, heaps, hash maps) with **runtime-efficient solutions**, improving performance in coding assessments.
- Built OOP and system-design projects using AI-assisted debugging to **cut development time and increase clarity** for team collaboration.

Education

Mercy University Dobbs Ferry, NY

Dual Bachelor of Science and Master of Science in Computer Science

Expected May 2026

GPA: 3.5 / 4.0

Technical Skills

Languages & Frameworks: Python, Java, JavaScript, TypeScript, HTML, CSS, React, Next.js, Node.js, Express.js, Django, Flask, Tailwind CSS

Databases & Tools: MongoDB, MySQL, PostgreSQL, Git, Postman, AWS, Vercel, Docker

Libraries & Packages: Scikit-learn, NumPy, Pandas, Framer Motion

Infrastructure & DevOps: Linux server administration, SSH, Ubuntu Server, self-hosting, n8n automation, Raspberry Pi

Other: Game design, hackathons, open-source collaboration