# Erick Perez

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## EDUCATION

**Fordham University | Bronx, NY**

**B.S. in Computer Science and Mathematics  (2023 - 2027)  | GPA:** 3.2/4.0

**Clubs  | Fordham Computer Science Society, Cybersecurity Club, Economics Society**

**Relevant Courses: Discrete Structures 1/2, CS 1/2 , Data Structures, Linear Algebra, Calculus**

## SKILLS

**Programming Languages:** C++ , Python, HTML, CSS, Javascript, Rust

**Languages:** Spanish (fluent), Italian (proficient)

Other: Problem Solver, Team Collaboration, Digital Marketing

## PROJECTS

### Object Detection Model

- *Tools:* Python, Ultralytics YOLOv8, pip, virtual environments
- *Description:* Developed an object detection model by leveraging the YOLOv8 algorithm. Set up a virtual environment, installed required dependencies via pip, and trained the model using real-world datasets. Enhanced model accuracy by tuning hyperparameters and visualized results with custom code.

### Personal website

- Designed and developed a fully functional personal portfolio website, 'Erick Perez Portfolio,' showcasing academic achievements, projects, and courses. The site integrates an interactive login feature with personalized user greetings stored using localStorage. Implemented smooth navigation via a dynamic hamburger menu and scrolling animations, enhancing user experience. The portfolio highlights projects in AI, programming, and web development, supported by responsive design using HTML, CSS, and JavaScript

### Immigration rights website

- Developed a personal website to showcase resources and support for communities, focusing on providing accessible information about immigrant rights, public benefits, and protections by state. The website integrates dynamic, user-interactive features using JavaScript, HTML, and CSS, allowing users to search and retrieve tailored state-specific legal and resource information seamlessly.