

NEREIDA ORTIZ ROBLES

nortizrobles@fordham.edu

[LinkedIn](#) | [GitHub](#) | [Personal Website](#)

EDUCATION

Fordham University

Bachelor of Science in Computer Science

GPA 3.33 / 4.00 Cumulative

Relevant coursework: Discrete Structures, Java, C++, Computer Organization, Database Management Systems

Honors: Phi Theta Kappa Society, SWE Fellowship Headstarter AI

Expected December 2026

New York, NY

WORK EXPERIENCE

Software Engineer Intern at Cobalt Water Global

May 2024 - Present

- Developed and integrated new graphical features, such as temperature and flow visualizations, into an N2O DSS platform using Python to enhance client data analysis and visualization.
- Enhanced user interface by modifying platform display options for improved usability.
- Administered sensor data for a European water utility company for three months, ensuring accurate data management and analysis using Datalku.

Data Science Intern at Titanium Intelligent Solutions

August 2023 - February 2024

- Analyzed sensor data from intelligent building systems using RapidMiner and Excel to optimize energy efficiency. Performed statistical, multivariate, and decision tree analyses to reduce energy consumption across two buildings.
- Developed and presented a client-facing report on the benefits of sensor windows for accurately tracking and managing energy consumption peaks.

PROJECTS/ EXTRACURRICULARS

AI Flashcard Game

July 2024

- Deployed an AI-powered flashcard app with OpenAI and integrated Stripe for payments, using Auth for user authentication.

AI Chatbot

July 2024

- Developed ToxiGuide, an AI customer support system, using OpenAI API, Next.js, and React, deployed on Vercel with Firebase and Google Authentication integration.

Landing Page

July 2024

- Designed a landing page for Toxiscan using HTML, CSS, and JavaScript, deployed on Vercel with Google Analytics integration.

Personal Website

July 2024

- Built a personal website using HTML, CSS, JavaScript, DNS ([Link](#))

Pantry Tracker

June 2024

- Created a pantry management app using Next.js with Material UI for a responsive UI and Firebase for backend data storage.

Falling for Fall

November 2023

- Collaborated in a interactive HTML pages with embedded Spotify playlists, animations, and responsive design for fall-themed educational content.

Coding Club at CGCC

September 2021 - December 2022

Vice President

ADDITIONAL INFORMATION

Programming Languages: Java, C++, Python

Technologies and frameworks: GitHub/Git Bash/Git Codespaces, Visual Studio, Eclipse, Replit, RapidMiner, Datalku, Node.js, HTML/CSS/JavaScript, AWS, Firebase, Vercel