

# NEREIDA ORTIZ ROBLES

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

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## 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

### Chandler Gilbert Community College

Associate in Science with emphasis in Computer Science

GPA 3.75 / 4.00 Cumulative

**Extracurricular:** Vice President of Coding Club

**Honors:** Phi Theta Kappa Society, SWE Fellowship Headstarter AI

Expected December 2026

New York, NY

January 2021 - December 2022

Chandler, AZ

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## WORK EXPERIENCE

### Software Engineer Intern at Cobalt Water Global

- 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.

May 2024 - August 2024

### Data Science Intern at Titanium Intelligent Solutions

- 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.

August 2023 - February 2024

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## PROJECTS/ EXTRACURRICULARS

### AI Flashcard Game

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

July 2024

### AI Chatbot

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

July 2024

### Rate My Professor

- Developed a web application utilizing AI to help students search for and evaluate professors. Integrated AI-driven search, personalized recommendations, and detailed professor profiles within a responsive, user-friendly interface. [Link](#)

July 2024

### Personal Website

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

July 2024

### Pantry Tracker

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

June 2024

### Falling for Fall

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

November 2023

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## ADDITIONAL INFORMATION

**Programming Languages:** Java, C++, Python

**Tools and Technologies:** Git, Visual Studio, Eclipse, RapidMiner, Datalku, AWS