

# ARTURO MUÑOZ

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## Education

### Case Western Reserve University (CWRU)

Aug. 2022 – May 2026

*B.Sc. Computer Science (3.71 GPA); Minors: Mathematics, Business Management*

*Cleveland, OH*

- **Relevant Coursework:** Algorithms, Data Structures, Full Stack Web Dev, Software Engineering, Databases, Intro to AI, Computer Security, Linear Algebra, Probability, Discrete Math, Professional Communication for Engineers

## Experience

### The Block

May 2024 – Aug 2024

*Data Engineering Intern*

*Remote*

- Maintained an Apache Airflow cloud data pipeline serving over 500,000 monthly users
- Developed a RAG (Retrieval-Augmented Generation) chatbot for premium users built on the company's knowledge base

### 20 Minute Trader

May 2022 – May 2023

*Software Engineering Intern*

*Mexico City, MX*

- Engineered a framework for developing, back-testing, and deploying trading algorithms using Python3
- Refined high-frequency trading algorithms for varying risk tolerance levels

### CWRU University Technology Services

May 2023 – May 2024

*Endpoint Support Specialist*

*Cleveland, OH*

- Utilized a ticketing system to resolve over 100 IT issues, serving as the first point of contact for tech support
- Developed documentation for recurring issues leading to a 13% decrease in resolution time

## Technical Skills

**Programming Languages:** Python, TypeScript, Java, JavaScript, SQL

**Frameworks:** Vue, NuxtJS, React, NextJS

**Technologies:** Airflow, AWS (SDK, SES, S3, Lambda), Figma, MongoDB

**Languages:** English (Native), Spanish (Native), Russian (Fluent)

## Projects

nuxt-class-inject   | TypeScript, JavaScript, Nitro, NuxtJS

Jul. 2024

- Dynamic CSS class injection that beats client rendering

wreqs   | Python

Jul. 2024

- A Python context manager for HTTP request handling in large scale web-scraping operations

httpsauth   | NuxtJS, TypeScript, PostgreSQL, AWS SES

Jun. 2024

- Authentication over HTTP from scratch

mockupforge  | Python, Docker

May. 2024

- A containerized mockup generator running Flask and GIMP in a virtual machine

whizfile.com   | AWS S3, React, NextJS

Nov. 2023 - Dec. 2023

- A web application for sending and receiving file transfers

Inkori LLC Online Retail

May 2023 – Aug. 2023

- Generated \$30,000+ in sales with a 98.7% customer satisfaction rating from over 1000 sales

## Community Engagement

### Collegiate Connections Mentor

Aug. 2023 – Present

- Acting as a mentor in the Collegiate Connections Peer Mentoring Program, focusing on supporting first year underrepresented ELP, POSSE, and international students at CWRU