

ARTURO MUÑOZ

☎ (216)-553-8258 ✉ arm343@case.edu 🔗 linkedin.com/in/arturoomunoz 🐙 github.com/munozarturo
👤 he/him/his 📍 Cleveland, OH 🌐 munozarturo.com

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
- **Certificates:** LFD121: Developing Secure Software

Mission Statement

Engineer by training, maker by nature — Transforming ideas into impact through fearless problem-solving and relentless learning.

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

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

Community Engagement

Systems Biology Club Risk Manager

May. 2024 – Present

- Manage risk assessment for 3 annual events, implementing safety measures for over 100 participants

Collegiate Connections Mentor

Aug. 2023 – Present

- Mentor focusing on supporting 20 first year underrepresented and international students at CWRU