

Jared Ignacio Alonzo

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EDUCATION

The Ohio State University

Columbus, OH

Bachelor of Science in Computer Science and Engineering & Mathematics, GPA: 3.92

Expected May 2027

Awards & Scholarships: Morrill Scholarship Program Distinction Scholarship (Full Cost-of-Attendance), HITEC Foundation Scholar, Hispanic Scholarship Fund Scholar, PREFACE Marathon Scholarship, Dean's List (1).

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, HTML, CSS, JavaScript, SQL, R.

Technologies/Frameworks: Django, React, Tableau, Amazon Web Services, Azure, GitHub, VSCode, Eclipse.

Relevant Coursework: Software Development & Design, Data Structures and Fundamentals of Engineering Honors.

WORK EXPERIENCE

Capital One

McLean, VA

Incoming Early Career Analyst Intern

May 2024 – August 2024

The Ohio State University College of Engineering

Columbus, OH

Undergraduate Grader

September 2023 – August 2024

- Grade homework and projects for two sections of CSE 1222 - Introduction to Computer Programming in C++.
- Conduct weekly office hours for over 120 undergraduate students to assist with fundamental programming concepts.
- Assist students in completing lab assignments twice a week which are essential to complete class projects.

University of Cincinnati – College of Engineering and Applied Sciences

Cincinnati, OH

Computer Science Research Assistant

October 2022 – August 2023

- Conducted in-depth research on the relationship and behaviors of low-income communities with political misinformation on social media in the context of Human-Computer Interaction (HCI).
- Utilized R for data analysis, employing statistical techniques and visualization methods for insights from datasets.
- Enhanced accessibility by consolidating researchers' findings into a centralized server, boosting the efficiency of various projects, and contributing to the development of a more streamlined and concise platform.

Procter & Gamble

Cincinnati, OH

Software Development Intern

June 2022 – August 2022

- Developed automation bot using Blue Prism to streamline invoice collection from the Manila office.
- Created a real-time Power BI dashboard for visualizing invoice collection metrics and exceptions.
- Establishing a centralized file repository on Azure DevOps, enhancing accessibility for various branches and teams.

Data Analytics Intern

June 2021 – August 2021

- Automated auditing of over 200 social media accounts using Power BI, Power Apps, and Power Automate.
- Designed real-time Power BI dashboards with advanced data modeling, interactive visuals, and DAX calculations.
- Developed Power BI dashboards with advanced data modeling to provide insight into social media metrics.

PROJECTS

MidWestern Stock Tracker (Python, NumPy, Django)

November 2023 – Present

- Engineered a sophisticated stock tracking platform using Python and NumPy, targeting the top 15 most valuable publicly traded companies in the 10 largest Midwestern cities, leveraging Robinhood's API for data acquisition.
- Employed Django to develop a responsive web application, featuring a dynamic stock graph that updates every 15 minutes, providing users with an interactive and up-to-date visual analysis of stock trends.
- Integrated Django with Twitter's API to curate a live feed of tweets, utilizing Python for data filtering, to highlight social media trends and public sentiment related to each tracked company.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Artificial Intelligence Club

Columbus, OH

Outreach Coordinator / Social Media Director

March 2024 – Present

- Develop and execute marketing strategies to boost awareness among underclassmen, leveraging social media platforms, informational sessions, and interactive workshops reaching record numbers of student engagement.
- Orchestrated signature events by networking with prestigious companies, including 99P Labs, Accenture, Cisco, and Mantel Technologies, to facilitate knowledge exchange, internships, and career opportunities for club members.
- Networked with Professors and Researchers on campus to provide both research and students a shared place to learn about artificial intelligence research at The Ohio State University.