

# 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).

Relevant Coursework: Calculus 1-3, Software Development & Design, Data Structures and Fundamentals of Engineering.

Extracurriculars & Activities: ColorStack, Society of Hispanic Professional Engineers, AI Club, Engineering Honors Program, PREFACE Bridge Program, Block O.

## TECHNICAL SKILLS

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

**Technologies:** Microsoft Azure, Amazon Web Services, Power BI, Power Automate, Blue Prism, VSCode, GitHub, Selenium, Asana, Eclipse, Figma.

## WORK EXPERIENCE

### The Ohio State University College of Engineering

Columbus, OH

*Undergraduate Grader*

September 2023 – Present

- 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 elucidate fundamental programming concepts.

### University of Cincinnati – College of Engineering and Applied Sciences

Cincinnati, OH

*Computer Science Research Assistant*

October 2022 – August 2023

- Conduct in-depth research interviews and studies with different user groups, aiming to understand their needs, preferences, and behaviors 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.

### Procter & Gamble

Cincinnati, OH

*Data Analytics Intern*

June 2021 – August 2021

- Automated auditing of 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

### VanScan (Python, VSCode, Figma)

- Designed a innovative navigation system involving physical QR codes and directional cues, facilitating user guidance and providing relevant information upon code scanning.
- Orchestrating the technical aspects and coordinating the implementation of a solution for Honda's indoor navigation challenge through research, strategic decision-making, resource allocation, and collaborative technical endeavors.

## LEADERSHIP AND PROFESSIONAL DEVELOPMENT

### Artificial Intelligence Club

Columbus, OH

Member & HackAI Student and Mentor Engagement Committee

August 2023 – Present

- Organized events to boost student participation and awareness for The Ohio State University's largest student-run hackathon.
- Collaborated with AI professors and engineers to enhance participation in HackAI, facilitating mentorship and providing support to participants.