

Jared Ignacio Alonzo

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EDUCATION

The Ohio State University

Columbus, OH

Bachelor of Science in Computer Science and Engineering & Mathematics

Expected May 2027

Awards & Scholarships: Morrill Scholarship Program Distinction Scholarship and PREFACE Marathon Scholarship.

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

Extracurriculars & Activities: Morrill Scholarship Program, ColorStack, Society of Hispanic Professional Engineers, Big Data Analytics Association, AI Club, Engineering Scholars 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.

General Skills: Native proficiency in English and Spanish, Microsoft Office, Google Workspace.

WORK EXPERIENCE

University of Cincinnati – College of Engineering and Applied Sciences

Cincinnati, OH

Computer Science Research Assistant

October 2022 – August 2023

- Created a Java and Python-based autonomous bot for hackathons, streamlining workflow and automation prowess.
- 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.
- Presented research findings at meetings and conferences, effectively communicating technical concepts and results.

Procter & Gamble

Cincinnati, OH

SPPO Automation Developer

June 2022 – August 2022

- Developed automation bot using Blue Prism to streamline invoice collection from the Manila office.
- Collaborated on PGTech project, creating platform for IT job opportunities, for students from 17 school districts.
- 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

Brand Services Power BI Developer

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, interactive visuals, DAX calculations, and dynamic data synchronization for comprehensive insights into social media metrics and Key Performance Indicators (KPIs).

PROJECTS

Monte Carlo Estimator (Java, Eclipse)

- Implemented a Monte Carlo simulator in Java to estimate the mathematical constant Pi (π), demonstrating proficiency in statistical estimation techniques and programming.
- Utilized Java to develop a Monte Carlo simulation for approximating Pi by generating random points within a defined geometric shape, providing accurate estimations of Pi's value.

LEADERSHIP AND PROFESSIONAL DEVELOPMENT

Society of Hispanic Professional Engineers

Columbus, OH

Undergraduate Member

August 2023–Present

- Engaged in workshops dedicated to enhancing professional skills.
- Played a key role in organizing events that nurtured a vibrant community of Hispanic engineering students.
- Participated in the prestigious SHPE National Conference held in Salt Lake City, Utah, featuring a dynamic job convention featuring dozens of companies and a multitude of avenues for professional growth and development.

ColorStack

Columbus, OH

Member

August 2023– Present

- Early member of Ohio State's ColorStack chapter an innovative non-profit that supports colored students in tech.
- Collaborated with fellow Computer Science students at Ohio State to enhance the experience for minority students of color within the CS program.