

Alberto Pabón-Castejón

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Caguas, Puerto Rico 00725

EDUCATION

Notre Dame High School

High School Diploma, GPA: 3.91

National Hispanic Recognition for Excellence in Academic Achievement (College Board)

Caguas, Puerto Rico

August 2019 – Expected May 2023

Scholar 2022-2023

RELEVANT EXPERIENCE

Columbia University - Summer High School Academic Program for Engineers (SHAPE)

New York, NY

Advanced Computer Science Summer Program

August 2022

- Completed a college-level algorithms course while taking a biomedical engineering elective.
- Developed projects involving topics such as data structures and machine learning.

The Polytechnic University of Puerto Rico

San Juan, Puerto Rico

Freshman Design for Electrical Engineering

November 2021 – February 2022

Undergraduate Coursework, Letter Grade: A

Inspirit AI

San Francisco, CA

Summer Intensive in Artificial Intelligence

July 2021

- Completed a project-based experience with a focus on taking on social problems using AI.
- Analyzed the emotions of tweets using the Python machine learning library scikit-learn.

Brown University Data Science Through Python

edX July 2021

Harvard University Introduction to Computer Science (CS50)

edX January 2021

LEADERSHIP & ACTIVITIES

Engineering Club - Society of Hispanic Professional Engineers (SHPE Jr.)

Caguas, Puerto Rico

President

August 2020 - Present

- Invited local professors and engineers from the local area to give conferences for.
- Established the club as an official chapter of SHPE in 2022.
- Led club team in local competition to build a boat using only plastic bottles, fishing wire, and plastic wrap.
- Increased membership and active participation in the club, with 30+ new members recruited 2022.

Math Club

Caguas, Puerto Rico

Active Member

August 2019 – Present

- Tutored elementary and secondary school students to inspire interest in competitive mathematics.
- Participated in national and state-level competitions, including the American Math Competition 12 and the Olympic Mathematic Competition of Puerto Rico.

School's Soccer Varsity Team

Caguas, Puerto Rico

Starter Player

August 2017 - Present

- Played in a top-10 Puerto Rican team.

National Honors Society

Caguas, Puerto Rico

Active Member

September 2022 - Present

- Tutored elementary and secondary school level students to help them improve in their classes.

COMMUNITY SERVICE

- 5K School Run
- Apostolice Service (Salvation Army Volunteer, Hogar de Niñas de Cupey Volunteer)
- Bairoa Community Soccer Club

SKILLS

- Python, C++, JavaScript, MySQL, HTML, and CSS
- Bilingual in both English and Spanish, with a beginner's level in French.