

# Alberto Pabón-Castejón

pabon.alberto23@gmail.com  
https://github.com/pabon-alberto

(787) 645-7695

219 Caguas Real  
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

#### Additional Coursework:

- **Brown University** Data Science Through Python
- **Harvard University** Introduction to Computer Science (CS50)
- **The Polytechnic University of Puerto Rico**  
Freshman Design for Electrical Engineering  
Undergraduate Coursework, Letter Grade: A

**edX** July 2021  
**edX** January 2021  
**San Juan, Puerto Rico**  
November 2021 – February 2022

## EXPERIENCE

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

Advanced Computer Science Summer Program

**New York, NY**  
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.

### Inspirit AI

Summer Intensive in Artificial Intelligence

**San Francisco, CA**  
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.

## LEADERSHIP & ACTIVITIES

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

President

**Caguas, Puerto Rico**  
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

Active Member

**Caguas, Puerto Rico**  
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

Starter Player

**Caguas, Puerto Rico**  
August 2017- Present

- Played in a top-10 Puerto Rican team.

### Honors Society

Active Member

**Caguas, Puerto Rico**  
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.