

Pierre G. Vales Torres

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Education

University of Puerto Rico, Mayagüez Campus,
Bachelor in Computer Science and Engineering

Expected Graduation: May 2027

Cumulative GPA: **3.13/4.00**

Relevant Courses:

- UPRM: **Data Structures, Advanced Programing, Foundations of Computing, Introduction to Programming.**
- Google Tech Exchange: **Applied Data Strucutres(current), Careers in Tech(current)**

Experience

Google | Tech Exchange Program, Mountain View California

Jan 2024-May2024

- Accepted into the **Google Tech Exchange** program for 2024.
- Enrolled in **Applied Data Structures** which is dedicated to teaching necessary skills to solve real problems using data structures
- Enrolled in **Careers in Tech** class,which teaches students how to get into the work space and the tech industry.

Project Meliora, with IEEE at UPRM

Jan 2023-May

2023

- Mentoring program provided by **Google** Engineers
- Discussed networking, career paths, time management.

Table Tennis

- Currently training with the UPRM table tennis team.
- Acted as a **referee** for the 2023 and 2024 table tennis Puerto Rico LAI.
- Acted as coach in the **Puerto Rico Table Tennis Butterfly Open (2023)**

Tarzan and Jane's Summer Camp, , at UPRM

Jul

2023

Group leader at sports summer camp of children 5-6 years old. In charge of taking care of them, helping with activities and ensuring a healthy learning yet fun environment for the kids.

Projects

Car Part Factory,

Data Structures at UPRM

Nov 2023-Dec

2023

- Simulated the production of car parts in **Java** using different data structures such as queues for the conveyor belts and stacks for the production bins. Used as input csv files for the orders and the data of the individual parts including weight, id, name and error percentage.

Diner Dash, Advanced Programming at UPRM

Mar 2023-Apr

2023

- Using **C++** Designed customer behavior and food preparation. Managed point distribution as well as menu settings and Win/Lose states. Used **OpenFrameworks** to implement front end actions such as decorations and client appearance. Mainly used vectors and setters to implement the point distribution and the food preparation.

Audio Vizualizer, Advanced Programming at UPRM

Feb 2023-Mar 2023

- Transformed user interface, using **OpenFrameworks** and **C++**, by changing background colors, modifying vectors that represent rectangle visualizers and creating new modes using keys. Used boolean flags to pause updating the visualizer vectors. Created a shuffle feature by generating random numbers and randomizing the song list.

Image Filters, Introduction to Programming at UPRM

Dec 2022

- Programmed image filters using **Python 3.10** creating new images in grayscale without altering the original. The 2D lists were modified to invert the colors, flip the image horizontally, blur the image, and tile an image into four smaller versions without changing its size.

Skills

C++ , Python, Java, HTML, CSS

Adaptability

English / Spanish (fluent)

Leadership

Microsoft Office

Critical Thinking

OpenFramworks

Persistence