

Christian J. Ramos Ortega

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Education

University of Puerto Rico at Bayamón

Graduation: December 2023

Bachelor's Degree in Computer Science emphasis in Computer Science

GPA: 3.33

Professional Experience

Hospital Pavia Santurce - Information Technology Technician

June 2022 – January 2023

- Worked with Spiceworks ticketing system to provide on-site help desk support to networks, computers, and servers.
- Worked with Active Directory to deploy projects to more than 500 clients to maintain the functionality of the Information System.
- Protected healthcare professionals against cyber-attacks using **Fortinet** by maintaining email filtering features.

Projects

Clue Game recreation – *Data Communications*

December 2021

- Developed with a team the recreation of the Clue boardgame in **Java** using **Github** for collaboration and project management.
- Designed and developed individually a Client-Server scheme to establish multiplayer communication using Digital Ocean hosting services.
- Implemented multithreading to habilitate simultaneous player interaction with multiple clients.

'Monoloro' Database - *Database Programming and Design*

December 2020

- Designed the relation matrix and Entity Relationship Diagram (ERD) using sample data to create a database for the Monoloro Zoo.
- Built an SQL script that implemented said design and resulted in a programmed **Oracle SQL** database.
- Implemented queries in an SQL Plus report to gather information from the database.

Certification

CompTIA A+ Professional Certification

June 2020

- Implemented troubleshooting techniques and solutions to maintain devices.
- Analyzed networking ports and protocols for client-server communication.
- Acquired hardware knowledge that included, but it's not limited to mobile devices, computers, and printers.

Awards

XX Interuniversity Programming Competition – Third Place (Individual)

May 2023

- Competed against 21 groups of students in the expert category with a time limit of three hours.
- Used **Java** for string manipulation in problem-solving challenges resulting in an algorithm that ran in logarithmic time.
- Implemented dynamic programming techniques to find the global optimal solution using a greedy algorithm.

Skills and Abilities

- Programming/Markup Languages: SQL, HTML5, XML, CSS3, Javascript, Java, C#, Python.
- Tools/Technologies: Git, Github, Numpy, and Wordpress.
- Languages: Native spanish and fluent English.

Professional Affiliations

Computer Science Student Association (AECC)

August 2020 – present

August 2021- May 2022: Vocal

August 2022- May 2023: Public Relations Officer

- Coordinated, organized, and supported activities for the professional development of the active 78 members that included code nights, and seminars to aid in software related skills.
- Managed the social media presence of AECC that reached a wide audience of unique visitors per month.
- Helped increase the number of members from 46 to 78 students between 2021-2023.