Giovannie Marrero Barreto

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EDUCATION

University of Puerto Rico, Bayamon   **Bayamon, PR**
Bachelor in Computer Science, Major in Computer Sciences   Expected Graduation Date: 2023
- **GPA:** 3.32
- **Relevant Coursework:** Database Systems, System Design & Analysis, Data Structure, Computer Organization & Architecture, Web Programming, Information Security, Algorithm Analysis, Data Communications, Operations Investigation, Comparative Programming Languages, Operating Systems, Computer Theory

PROJECTS

Cards Against Humanity – Co-developer   **August 2022 – December 2022**
GitHub link: https://github.com/jeanlgonzalez01/Cards-against-humanity-project
- Designed and developed a recreation of the adult card game Cards Against Humanity, but with a lighter sense of humor respecting professional integrity.
- Implemented Front-End and Back-End communication using Java libraries such as Java Sockets and Java Thread.
- Designed a simple, yet efficient GUI to acquire the inputs entered by the user
- Utilized Hamachi VPN for remote connection requirements of the game

Image Manipulation – Co-developer   **May 2022**
GitHub link: https://github.com/giovannie-marrero/Image-Manipulation
- Built a program using Java and applying the fundamentals of steganography to hide a message inside a .ppm image and a .ppm image within another .ppm image.
- Incorporated user input to choose the message and/or images with which the program will be working with.

WORK EXPERIENCE

UPRB Educational Services   **Bayamón, PR**
Tutor   August 2022 – December 2022
- Successfully taught Java programming using Eclipse to a group of 8 students, resulting in a 70% improvement on their average grade
- Developed and delivered Java training materials, including presentations, handouts, and practice exercises
- Mentored and coached the students on best practices and industry standards

SKILLS, ACTIVITIES & INTERESTS

Activities:
Computer Science Students Association (AECC)   **Bayamón, PR**
Member   August 2021 – August 2022
Board Member August 2022 – Present
- Participated and guided students in practice events to enhance programming skills
- Assisted as a participant to the UPRB Intercollegiate Programming Competition in 2022
- Organized

Languages: Fluent in Spanish and English
Technical Skills: Java, Python, HTML, CSS, JavaScript, SQL, C, GitHub, SDLC, React, Prolog
Interests: Amusement parks, Traveling, Exercising