

Gladymar Colón Montañez

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EDUCATION

Bachelor of Science in Computer Science, University of Puerto Rico, Río Piedras Campus

GPA: 3.5

Expected graduation: 2027

RELEVANT COURSEWORK

- Data Structures • Cybersecurity • Computer Architecture • High Level Programming Languages
- Discrete Mathematics • Introduction to Programming • Introduction to Computer Science • Calculus 1

SUMMARY

Motivated junior Computer Science student eager to learn and contribute to technical projects.

CORE COMPETENCIES

- C++ • Python • C • JavaScript (basic) • Linux Commands • Assembly (basic) • Git • GDB • Ghidra
- Fully Bilingual (Spanish/English) • Basic ASL Knowledge
- Problem Solving • Analytical Thinking • Teamwork • Eagerness to Learn

PROGRAMMING PROJECTS

Connect Four Game:

- Developed a two-player Connect Four game with customizable board size and difficulty settings.
- Implemented game logic and user input using C++.

Parking Lot Management System:

- Designed a parking system using AVL trees, hash maps, and priority queues for efficient vehicle tracking.
- Implemented core features like add, remove, search, and applied algorithm analysis for performance.
- Built and tested the project in C++.

TECHNICAL EXPERIENCE & ACTIVITIES

Tutor - Introduction to Computer Science, Programming, and Data Structures: **August 2024 – Present**

- Guided students through programming concepts and assignments in C++ and Python.

GMiS Hackathon: **November 2024**

- Solved challenges in penetration testing, forensics, steganography, password cracking, and cryptography.
- Placed 8th out of 50 teams; gained hands-on experience with cybersecurity tools and teamwork under pressure.

UND Cyberhawks National Capture the Flag Competition: **October 2024**

- Advanced from preliminaries to finals; earned a performance badge for strong cybersecurity problem-solving.

Cybercamp: **July 2024**

- Tutored high school students in Linux, basic cryptography, and forensic analysis; mentored them through cybersecurity challenges.

JerseyCTF: **March 2024 & April 2025**

- Competed in challenges on cryptography, steganography, reverse engineering, forensics, and web exploitation.

LEADERSHIP & INVOLVEMENT

Association of Computer Science Students (AECC) **Member since 2023 | Vocal since 2025**

- Serve as Vocal in the directive committee, supporting event planning and student engagement initiatives.
- Attend meetings on Computer Science topics and career development.

VOLUNTEER WORK

Bsides Puerto Rico: **April 2024**

- Volunteered at Bsides, a cybersecurity conference in Puerto Rico, assisting in event operations.