Ricardo A. Roman Santiago

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Calle 14, Comunidad Estela, Rincón, P.R. 00677

Education:

University of Puerto Rico, Mayagüez

Bachelor of Science Computer Engineering (BSCE)   August 2022- Present

Expected Graduation: June 2027

Major GPA: 3.64/4.00

Cumulative GPA:3.35

Skills and Relevant Coursework:

Programming languages: Academic Project experience in C/C++, Java and machine language.

Technologies used: Eclipse, Visual Studio Code, Git, Easy EDA, Tina TI.

Relevant Coursework: Algorithms, Advanced Programming, Data Structures, Logic Circuits, Microprocessors, Foundations of Computing, Computer Architecture, Operating Systems and Digital Electronics.

Languages: Spanish (Native Language) and English (Fluent).

Projects:

Programmable Timer (Logisim)

- Designed part of the logic circuitry responsible for the counter of the timer to tick downwards.

Electric car electronic circuit design (Brake system and charging system)

- In charge of designing and improving electrical circuits that monitor the states of throttles and brake pedals and regulate current flow to the motor of the car.

Experience:

- Currently working as a full-time member of the PCB (Printed Circuit Board) architecture division in Colegio Racing UPRM team.

Awards:

- Belonged in the National Honor Society throughout high school, Marista Manatí.