



# Ricardo Y. Rodríguez González

ricardo.rodriguez67@upr.edu • (787) 349-7332 • San Juan, Puerto Rico



## Objectives/Goals:

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Fifth year Software Engineering Undergraduate Student with aspirations of obtaining **Internship**, **Research** and/or **COOP** opportunities within the industry so that my programming knowledge and skills excel professionally as a Software Developer.

## Education:

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University of Puerto Rico, Mayagüez Campus (UPRM)  
*Bachelor of Science in Software Engineering*

Expected Graduation Date: **May 2024**  
GPA: **3.20/4.00**

## Relevant Coursework:

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**Completed:** Intro. to Computer Programming I (C), Foundations of Computing, Advanced Programming (C++), Logic Circuits/Computer Architectures I, Networking and Routing Fundamentals, electrical System Analysis I, Seminar Part III on Leadership, Data Structures (Java), Computer Architectures II (MSP Assembly) Programming Languages (Multiple Languages), Algorithm Analysis (Python), Introduction to Software Engineering (Html/CSS & JavaScript).

**Ongoing:** Operating Systems, Database Systems, Software Design, Fundamentals on Design of Web Site, Excel (Basic/Intermediate /Advanced)

## Technical/Non-Technical Skills:

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**Communication:** Fully Bilingual (Spanish & English), Basic Portuguese (Learning)

**Programming:** Python, HTML & CSS, Java, C++, Python, C

**Miscellaneous:** Basic Computer Networking, Proficient in Microsoft Office, Basic Knowledge of AutoCAD, Interpersonal communications, Leadership, Able to adapt to pressure, Public Speaker, Team oriented, Quick study.

## Extracurriculars & Volunteer:

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**Cybersecurity Investigation** • University of Puerto Rico, Mayagüez Campus

- Shadow Undergraduate Researcher

**January 2020 – May 2020**

- CAHSI Undergraduate Researcher

**August 2020 – December 2020**

Explored the principles of cybersecurity and social engineering. Broke down common vulnerabilities in college students on how to prevent and protect them.

**Teacher Assistant** • University of Puerto Rico, Mayagüez Campus

- Teacher Assistant and Corrector

**February 2022 – Present**

Provided assistance with Computer Architecture I and Computer Architecture II courses. Helped with exam monitoring and homework correcting.

**Web Development Project** • IEEE-PES Western Puerto Rico Branch

- Front-end Developer

**April 2022 – Present**

Development of the official *PES Western Puerto Rico* web page.

**Full-Stack Web Development Project** • IEEE-PES Proyecto Luz Verde

- Front-end, Back-end & Documentation Developer

**August 2022 – Present**

Development of the official *Proyecto Luz Verde* web page and software functionalities for charge controller data display.