**Nordiel E. Martínez Cardona**

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# OBJECTIVE

Passionate software developer focused on building intuitive, impactful applications that people genuinely enjoy using.

# EDUCATION

# Inter-American University of Puerto Rico – Bayamón CampusAug 2022 - Dec 2026 (expected)

*Bachelor of Science, Computer Science*

* Supplemental Coursework: Modeling & Simulation, Cybersecurity Principles.

**Inter-American University of Puerto Rico – Bayamón Campus**Aug 2020 - May 2022

*Certificate Program, Pharmacy Technician*

* GPA: 3.46

# SKILLS

**Technical Skills:** Python, C#, JavaScript, HTML + CSS**,** Angular, TypeScript, WiX Toolset, SQL & ELK

**Languages:** Bilingual (English & Spanish)

# EXPERIENCE

**Aptima Puerto Rico,** Remote Aug 2023 - Present

*Software Engineer Intern*

* Developed a web application using Angular to host 3D models for simulation and VR-based training.
* Created a secure Windows installer using the WiX Toolset to distribute proprietary software within air-gapped Airforce environments.
* Helped in the development of a training support tool with Angular and C#, implementing the Backend-for-Frontend (BFF) pattern.
* Authored a guide on standardized data tagging and protocol compliance for flight training environments.
* Contributed to an Angular-based pilot tracking dashboard backed by Elasticsearch, enabling faster correlation between pilots and their training scenarios.
* Optimized bulkloading performance by implementing parallel execution in Python, reducing processing time and improving scalability.

**Master Workforce**, Remote May 2023 - Aug 2023

*Assistant Researcher*

* Built an interactive Phishing Identification and Decision Support System using Python, OpenAI’s ChatGPT API, and Gradio to analyze email content and return phishing probability with rationale.
* Designed a prompt-based workflow with memory management to simulate conversational phishing analysis, guiding users with clear explanations and suggested actions.