

Nordiel E. Martínez Cardona

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| nordiel.com

OBJECTIVE

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

EDUCATION

Inter-American University of Puerto Rico – Bayamón Campus

Aug 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 Navy 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 Airforce 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.