

## Nordiel E. Martínez Cardona

939-361-0857 | nordielm@gmail.com | Vega Alta, Puerto Rico [github.com/nordiel](https://github.com/nordiel) | [linkedin.com/nordielmartinez](https://linkedin.com/nordielmartinez)  
| [nordiel.com](https://nordiel.com)

### OBJECTIVE

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

### EDUCATION

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#### 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

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

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

### EXPERIENCE

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#### 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.