Neil Angelo B. Espinoza

Fourth Year Information Technology Intern

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Education

Polytechnic University of the Philippines 2021 – Present
Bachelor of Science in Information Technology
President's Lister (2022 – 2024)

Polytechnic University of the Philippines 2019 – 2021
Senior High School - General Academic Strand
With Highest Honors (2021) - 98.13%

Malasiqui Catholic School 2015 – 2019
Junior High School
Superintendent's Lister and Salutarorian (2019) - 96%
Journalist of the Year (2019)

Malasiqui Catholic School 2009 – 2015
Primary Education
Salutatorian (2015) - 97.28%

Technical Skills

- **Programming Languages:** C++, Python, TypeScript, JavaScript
- **Backend Development:** Node.js, MySQL, SQLite, Flask
- **IoT Development:** Arduino, ESP32 / NODEMCU
- **Networking:** Cisco Packet Tracer, Network configuration and troubleshooting
- **Cloud Computing:** AWS, Google Cloud Run
- **Office Productivity:** Microsoft Office Suite, Google Workspace
- **Creatives:** Adobe Photoshop, Adobe Premiere, Affinity Designer, Affinity Photo
- **Tools:** Visual Studio Code, Arduino IDE, Jetbrains, Git, Android Studio, Github

Soft Skills

- Strong problem-solving and analytical skills
- Excellent communication and collaboration abilities
- Adaptable and quick learner for new tools and technologies
- Detail-oriented with a focus on quality and precision
- Leadership experience in group projects and research studies
- Proficient in English and Filipino language
- Strong writing skills, particularly in technical writing and IT documentation

Projects

IDEMETER: A MOBILE-BASED SMART AEROPONICS WITH INTERNET OF THINGS INTEGRATION FOR PRECISION FARMING ON LETTUCE CULTIVATION

- Developed a mobile application for monitoring and managing aeroponics systems in real time.
- Integrated backend services for seamless data synchronization using Firebase, AWS MySQL, Flask, and Node.js.
- Programmed Arduino and ESP32 to handle sensor data.
- Utilized IoT sensors, including DHT22, CCS811 CO2, DFRobot ESP pH, BH1750, and MFRC522 for precise and secured environmental monitoring.

Digital Badges

- Cisco NetAcad: Introduction to Cybersecurity - October 17, 2023
- Cisco NetAcad: Cyber Threat Management - February 11, 2025
- Simplilearn: Introduction to Cybersecurity - March 24, 2024