

# Enrico Miguel S. San Pedro

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PROFILE	A Computer Engineering fresh graduate with hands-on experience in hardware and software development. Skilled in front-end technologies like HTML, CSS, and JavaScript. Proficient in Python for Raspberry Pi projects and C/C++ for Arduino.
EDUCATION	<b>Bulacan State University - Laboratory High School</b> (2019 – 2021) <b>Bulacan State University - Meneses Campus</b> (2021 – 2025)
SKILLS	<b>Technical Skills</b> (Programming) <ul style="list-style-type: none"><li>Frontend Development (HTML/CSS &amp; JavaScript)</li><li>Hardware Development (C, C++ &amp; Python)</li></ul> <b>Data Analysis</b> <b>Problem Solving</b>
EXPERIENCE	<b>Evergreen Environmental Resources, Inc.</b> - Quality Assurance and Technical Intern (2024) <ul style="list-style-type: none"><li>Worked with a team that was assigned to analyze gathered data about the company’s bottlenecks.</li><li>Created another method for a simpler and time efficient document approval in the company’s portal.</li></ul>
PROJECTS	<b>Arduino Based – Water Level Sensor</b> <ul style="list-style-type: none"><li>An Arduino based miniature water level sensor system that integrates a float switch that detects three (3) levels of abrupt shift in water levels.</li></ul> <b>Arduino Based – Interactive Game Console</b> <ul style="list-style-type: none"><li>An Arduino Based video game controller that contains two (2) games. It has corresponding buttons that compliments both games, restart and power off button as well.</li></ul> <b>Portable Canine Scabies Detection Device – Prototype</b> <ul style="list-style-type: none"><li>a Raspberry Pi based device that detects irregularities in skin of various dogs that could possibly lead to Canine Scabies.</li><li>Equipped with several Python libraries and a lite version of machine learning algorithm to further be reliable in terms of results.</li></ul> <b>Responsive Website Portfolio</b> <ul style="list-style-type: none"><li>A showcase of my HTML/CSS and JavaScript knowledge and capabilities. Also includes a brief backend with Express.js used to send and store user messages sent through my website contact form.</li></ul>
CERTIFICATIONS	<b>Cloud Management System Certified Engineer</b> , Dahua Technology (2025 - 2027) <b>Video Surveillance System Certified Engineer</b> , Dahua Technology (2025 – 2027) <b>Institute of Computer Engineers of the Philippines</b> , Member (2021 – 2025)
SEMINARS	<b>Network Master: From Configuration to Success</b> , Bulacan State University - Meneses Campus (2025) <b>Journey to Innovation: Exploring Data Science in Computer Engineering</b> , Bulacan State University - Meneses Campus (2025)

REFERENCES

**Engr. Kleffaine-j A. Viernes**  
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