BRYLLE ANDREI T. TORRES

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PROFILE

An IT graduate with a strong work ethic and an unwavering commitment to both professional and personal development. constantly strives for perfection, taking on obstacles with zeal and a love of lifelong learning. eager to make a good contribution in tech-driven settings and actively look for chances to grow professionally in the rapidly changing information technology sector.

EDUCATION

SENIOR HIGH SCHOOL
UNIVERSITY ON NEGROS OCCIDENTAL-RECOLETOS
#51, Lizares St. Bacolod City, Negros Occidental
2019 - 2021

TERTIARY
UNIVERSITY ON NEGROS OCCIDENTAL-RECOLETOS
#51, Lizares St. Bacolod City, Negros Occidental

BS INFORMATION TECHNOLOGY
2021-2025

EXPERIENCE

- **Capstone Project:** EcoFLOW (Ecological Farming, Liquidity, Optimization and Water-Saving) is a device that is used to gather sugarcane field soil data and presents it on a local web application, that can be accessed with the use of local hotspot. It provides recommendation on what irrigation method would be suitable to be used based on the gathered sensor data and provides real-time monitoring.

- **Role**: Hardware/Software Developer

- **Tools Used:** ESP32, Arduino Nano, TTL, RS485 to TTL converter module, RS485 4-in-1 Soil Sensor, YF-S401 water flow sensor

Onsite Training: **Provincial Government of Negros Occidental – ICT Department**

- Assisted in front-end updates for government websites (e.g., Panaad Festival, Mambukal Resort)
- Provided technical support and troubleshooting for hardware and software issues within the department.
- Conducted basic network maintenance tasks to ensure stable and secure connectivity.
- Performed hands-on networking activities, including LAN cable creation and setup, particularly at the Negros Occidental Language & Information Technology Center (NOLITC)

SKILLS

- Web Development: HTML, CSS, JavaScript
- Programming: Python, Arduino, Java
- Networking: LAN setup, Structured Cabling
- Hardware: PC Assembly, Troubleshooting
- Software: OS / Drivers installations
- Tools: Arduino IDE, Visual Studio Code, Ventoy

LANGUAGES

- English
- Filipino

CERTIFICATIONS & TRAININGS

- IT Passport (IP) Certification Examination Passer – PhilNITS Foundation, Inc.

- SMART Android Mobile App Development for Beginners – TESDA, eTESDA/NITESD

- 500 Hours On-Site Training – Provincial Government of Negros Occidental – ICT Division