



JON LEWYN V. TANGGARO

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SUMMARY

Driven Bachelor of Science in Electronics Engineering student with a strong background in hardware integration and technical design. Experienced in developing automated manufacturing systems and proficient in practical prototyping using Arduino Uno, AutoCAD, NI Multisim, and FPGA.

EDUCATION

POLYTECHNIC UNIVERSITY OF THE PHILIPPINES	2023 - Present
Bachelor of Science in Electronics Engineering	
- Organization of Electronics Engineering (OECES) of PUP STO. TOMAS Campus. - Special Project Officer for OECES. - Institute of Electronics Engineers of the Philippines - Batangas Student Chapter.	
FELLOWSHIP BAPTIST COLLEGE	2021 - 2023
Science, Technology, Engineering, and Mathematics(STEM)	
Graduated With High Honor	
FELLOWSHIP BAPTIST COLLEGE	2017 - 2021
Junior High School	
Graduated With Honor	
JOSE G. PERALTA MEMORIAL SCHOOL	2011 - 2017
Primary Education	
Graduated Valedictorian	

WORK EXPERIENCE

Electronics Engineering Intern (OJT)	July 14, 2025 – August 29, 2025
Bandai Wireharness Philippines INC.	
- Developed and implemented an automated company system using macro programming, successfully reducing production time and manual workload. - Monitored the production line to understand manufacturing workflows and assisted supervisors in documenting daily production metrics.	
Secondary Education Work Immersion	April 26 – May 11, 2023
Negros Occidental Electric Cooperative (NOCECO)	
Assisted company supervisors in their daily tasks and gained hands-on experience in industry related operations.	

SKILLS

- Ability to adapt and be flexible in dynamic circumstances.
- Diligent and capable of working independently with minimal supervision.
- Motivated by enthusiasm and a strong sense of curiosity.
- Proficient in Python and JavaScript, with practical experience in HTML and CSS for web development.
- Familiar with utilizing Gmail, Google Docs, Google Sheets, and Google Forms.
- Proficient in Microsoft Office Suite, including Word, Excel, PowerPoint, Outlook, and other related software.
- Skilled in graphic design and capable of creating visual content using Canva and other design software.

TECHNICAL EXPERTISE

Arduino Uno, AutoCAD, Python, JavaScript, CSS, HTML, NI Multisim, Quartus (FPGA), Canva, Livewire, Everycircuit, Falstad, Microsoft (Word, Excel, Powerpoint, Outlook, Teams), Development Platform (Replit, Render, Railway, MongoDB).

PROFESSIONAL DEVELOPMENT

- ELECTRONEXT: Empowering the Next Generation with a Comprehensive Guide to Radio Transceiver Regulations, Permitting, and Professional Practice in Electronics Engineering.
- First Batangas ECE Student Summit: Role of Electronics in Building a Sustainable Future Seminar.
- First Batangas ECE Student Summit: Innovation Topic Seminar.
- Second Batangas ECE Student Summit: The Crucial Role of Electronics Engineers in Shaping a Sustainable Future Seminar.
- THE FUTURE OF CONNECTIVITY: How Fiber Networks Power Emerging Technologies.
- HARNESSING INVISIBLE WAVES: Radio Frequency Engineering for Therapeutic Innovation.
- FUTURE-READY MANUFACTURING: Navigating Trends and Technologies Driving Industrial Evolution.

CHARACTER REFERENCES

ENGR. JOYCE ANN BAGALAYOS

Electronics Engineering Faculty
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DR. ROBERT G. DE LUNA, PECE

Program Coordinator, BS Electronics Engineering
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