



Lanz Joseph Tarrosa Villanueva

Computer Engineer

CONTACT

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 Portfolio: mooyi.pages.dev | **GitHub:** github.com/Mooyi07

EDUCATION

B.S. in Computer Engineering

Technological University of the Philippines Visayas | 2021-2025

- Vice-President External ICpEP SE TUPV (2021 - 2024)
- Top 3 Regional Programming Competition Java Category (2022 - 2024)

Senior High School (STEM Strand)

University of St. La Salle | *Graduated 2021*

- Achievement Honor Awardee

PROFESSIONAL EXPERIENCE

Systems Lead Support & Cybersecurity Intern

Department of Information and Communications Technology – Negros Occidental | 2025

- Optimized the B.R.A.M.S. system by identifying and fixing recurring bugs, increasing stability and reducing downtime by 30%.
- Delivered technical support for cybersecurity workshops with 200+ participants, improving adoption of best practices and strengthening system security.
- Implemented monitoring procedures that cut incident response time by 20%, enhancing operational efficiency.

Computer Laboratory Technician Intern

Lasaltech Inc. | 2024

- Diagnosed and repaired over 50+ hardware/software issues, minimizing lab downtime by 25%.
- Configured operating systems and applications, ensuring seamless functionality for academic and training environments.
- Streamlined troubleshooting processes by documenting issue logs, accelerating resolution for future technicians.

WordPress Designer & Developer Intern

Crave Technology / Green Module Systems | 2022

- Developed and launched the Conveyance Bot website using WordPress Elementor, boosting client web traffic by 20% within the first month.
- Customized site layouts and integrated client feedback, reducing delivery timelines by 15%.
- Applied SEO best practices to improve search visibility, resulting in higher engagement and user retention

Assistant Technical & Production Director

Google Developer Group – Bacolod | 2022

- Directed technical operations for Google I/O Extended and Google DevFest events with 500+ attendees, ensuring zero downtime during live sessions.
- Engineered hybrid event setups (AV systems, livestreams, tech runs) that reduced setup errors by 40% compared to prior years.
- Coordinated with speakers and volunteers to deliver a seamless participant experience across multiple event platforms.

Campus & Summit Director

Developers Connect Bacolod | Present

- Organized and scaled developer summits across 10+ universities, engaging over 300 student developers in coding, web development, and collaboration.
- Fostered partnerships between academia and tech organizations to grow regional developer communities.
- Promoted best practices in programming and software development, enhancing technical competency among participants.

PROJECTS	Graduation Dinner RSVP Web App Built a Firebase-hosted responsive website for event confirmations with real-time RSVP database sync, countdown timer, photo slideshow, and guest search, successfully used by 100+ attendees.		
	E-Certificate Generator Web App Designed a bulk certificate automation tool using JavaScript and HTML/CSS to generate and send certificates, reducing manual processing time by 90%.		
	QR Attendance Tracking System Developed a web-based attendance tracker using JavaScript, Firebase, and QR code scanning with Excel export (timestamp, LRN, name), improving accuracy and reducing errors in student attendance logging.		
CERTIFICATES	Java (Basic), SQL (Basic), Problem Solving (Intermediate), Python (Basic) 2025 HackerRank		
SKILLS	<div> <ul style="list-style-type: none"> • Java • SQL • Xampp • Apache • PHP • TensorFlow • FlaskAPI • Python </div> <div> <ul style="list-style-type: none"> • C++ • HTML • CSS • Tailwind CSS • Sass • Vanilla JS • ReactJs • Firebase </div> <div> <ul style="list-style-type: none"> • Wordpress Elementor • Figma • Photoshop • Arduino • Canva • Event Organizing • C programming • MathLab </div>		