VAN KIRK A. LUMANTAS

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WORK EXPERIENCE

IT Instructor – *Metro Dumaguete College Inc.*
December 2025 – Present
- Instruct students to focus on the fundamentals of programming languages using **Java**.
- Develop lesson plans to enhance students' understanding of programming concepts.

Web Developer Intern – *Bluebeans Systems*
July 2024 – December 2024
- Led a 4-person programming team with weekly sprints and Git-based code reviews.
- Utilized Bitbucket for version control and collaborative development.
- Designed and developed the UI for *The Green Table* admin portal, improving clarity and usability.
- Built and tested REST API endpoints to support admin portal functionality with team collaboration.

EDUCATION

B.S. Information Technology – Negros Oriental State University | *2021 – 2025*

Computer Programming – Asian College Dumaguete | *2019 – 2021*

Information and Communication Technology – Amlan National High School | *2014 – 2019*

Elementary Education – St. Andrew's School Inc. | *2007 – 2014*

PROJECTS

BATODA: Mobile Hub Digital Platform for Driver and Route Management
- Designed and implemented a 3-tier architecture using Laravel, Next.js, React Native, and Socket.io with MySQL on the database.
- Developed for the Bacong Tricycle Operators and Drivers Association (BATODA) to enable automated seat reservations and streamlined route management for drivers and passengers.

Candauay Management System
- Built an information management system for the residents of Barangay Candauay, Dumaguete City.
- Enabled secure data storage and tracking with a focus on Gender and Development (GAD) compliance.
- Built with Laravel using Blade, Bootstrap, JavaScript, and MySQL on the database.

Employee Attrition Analysis & Prediction
- Conducted a data analytics project for IBM to identify factors influencing employee attrition.
- Applied Python, Jupyter Notebook, and Random Forest algorithms to develop predictive models and recommend solutions.

SKILLS

Languages: PHP, JavaScript, Java, TypeScript, Python, HTML5, CSS3
Frameworks: Laravel (Blade, React Inertia, Livewire), Node.js, React Native, Next.js, Bootstrap, Tailwind CSS
Databases/Tools: MySQL/MariaDB, PostgreSQL, Firebase, Supabase, SQLite, Git (GitHub, GitLab, Bitbucket), Docker, Postman

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CERTIFICATIONS & ACHIEVEMENTS

Code Connect Workshop – Instructor (September 25, 2025 & October 27, 2025)
- Served as an instructor for a two-day coding workshop, "Code Connect," organized by the Information Technology Society, The Idealists' Guild, and the Computer Science Organization at Negros Oriental State University – Main Campus.
- Delivered lectures and hands-on training to 2nd-year IT/CS students on Introduction to Database Management Systems (DBMS).
- Recognized with a Certificate of Appreciation.

Certificate of Training – Contact Center Services NC II (Sept. 5, 2025)
- 144 Hours | Technical Educational Vocational Entrepreneurial Center, Silliman University
- TESDA-accredited program

Certificate of Completion – AI and Big Data Analytics (August 4 -29, 2025)
- 100-hour, 20-day intensive training program
- KOICA, Hannam University & Silliman University collaboration
- Recognized with the Best Presenter Award