

LORD OLIVER GALLEGO

ELECTRONICS ENGINEER | AI AUTOMATION & SYSTEMS ARCHITECT | WEB DEVELOPER

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EXPERIENCE

AI Automation Specialist & Web Developer | WadeGlobal AI | United States of America

- **End-to-End Recruitment System Architecture (Talent Flow OS):** Engineered a full-stack recruitment application integrating **Lovable (Frontend)**, **Supabase (Backend)**, **n8n (Logic)**, and **GoHighLevel**. The system centralizes candidate data, hosting custom application forms that auto-sync to a secure **Candidate Portal** with role-based access control (RBAC).
- **AI-Driven Process Automation:** Developed an **AI Hiring Assistant** within **n8n** that automatically reviews applicant data to determine competency. Implemented conditional logic to route candidates: "Competent" applicants trigger interview scheduling via GHL calendars, while "Incompetent" applicants are flagged for manual review, reducing administrative overhead.
- **Autonomous Content Marketing Agent:** Built a sophisticated **n8n** workflow that autonomously executes **SEO keyword research**, generates **HTML-formatted blog content**, and **schedules posts** directly to the website, creating a fully automated organic traffic engine.
- **Automated Lifecycle Management:** Designed a **5-stage pipeline tracker** (Application to Hired) featuring automated status updates, rejection delays (2-hour wait logic), and a **90-Day Onboarding Tracker** that auto-deploys contracts, emergency forms, and equipment checks based on tenure.
- **Operational Efficiency & Task Logic:** Implemented dynamic task generation that automatically creates to-do lists for staff (e.g., "Confirm Interview," "Check References") whenever an applicant moves stages, ensuring zero workflow leakage.

Research Consultant | Freelance | International

- **Actionable Research:** Partnered with diverse clients to provide **actionable insights** by leveraging **expertise in research design, data collection, and analysis**.
- **Data Analysis and Critical Thinking:** Utilized proficiency in **data analysis tools** to conduct in-depth research, complemented by **excellent critical thinking and communication skills**.
- **Project Management:** Managed freelance projects from initiation to completion, demonstrating a **highly self-motivated and adaptable** approach while ensuring ethical conduct.

System Integration Engineer | AEP Systems Integration | Philippines

- **Critical System Integration:** Led the **seamless integration, continuous maintenance, and complex troubleshooting** of essential **life-safety and communication systems**, including Public Address (PA) and Nurse Call Systems.
- **Technical Compliance & Regulation:** Ensured all integrated systems (including Fire Alarm and Elevator Systems) **met required safety and operational standards**, demonstrating familiarity with critical infrastructure regulations.
- **System Uptime & Reliability:** Performed **root cause analysis and corrective maintenance** to maximize system uptime and operational reliability for critical infrastructure.

TECHNICAL SKILLS

Leadership
Management
Public Speaking

Automation Architecture
Research
Statistics

System Integration & Maintenance
Web Development
Robotics

EDUCATION

Bachelor of Science in Electronics Engineering

August 2020 - June 2024

University of San Agustin, College of Technology

- Major in **Robotics and Communication**
- Thesis on “**Smart University Parking Space Searching by Yolo Image Processing and Computer Vision – A Case of Single-Level, Open Space Parking System**”.

Science, Technology, Engineering, and Mathematics

June 2018 - April 2020

University of San Agustin, Senior High School Department

- Foundation on **Science, Technology, Engineering, and Mathematics**
- Research on “**The Usage of Sewage Water Ways as an Alternative Hydroelectric Power Source for Streetlights in the City of Iloilo**”

Science, Technology, and Engineering

June 2014 - April 2018

Antique National School, STE Department

- Foundation on **Science, Technology, and Engineering**
- Research on “**Microbial Production from Pomelo "*Citrus grandis*" Peel as Bioremediation for Lead**”

ORGANIZATIONS

Institute of Electronics Engineers of the Philippines (IECEP), Inc.

- **President - IECEP Western Visayas Student Chapter | 2023 - 2024**

Directed an **organization of over 700 members**, leading the **comprehensive planning, organization, management, and oversight of professional development initiatives**, including seminars, programs, projects, and symposiums, specifically designed to **advance Electronics Engineers in the Western Visayas Region**.

- **President - IECEP University of San Agustin Chapter | 2023 - 2024**
- **Treasurer - IECEP University of San Agustin Chapter | 2022 - 2023**
- **Assistant Business Manager - IECEP University of San Agustin Chapter | 2021 - 2022**

ADDITIONAL INFORMATION

- **Languages:** English, Filipino, Hiligaynon.
- **Awards:** Excellence in **Leadership Award** (2024), Excellence in **Academics Award** (2024), Excellence in **Research Award** (2024), **Academic Distinction Award** (2024), **Research Recognition Award** (2024), **Best in Thesis Award** (2024), **Young Scientist Award** (2020)
- **Certificate of Recognition in the Field of Academics:** Research Acceptance at the **International Conference on Multimedia and Image Processing (ICMIP)** , Ritsumeikan University , Osaka Japan
Titled: **Smart University Parking Space Searching by Yolo Image Processing and Computer Vision – A Case of Single-Level, Open Space Parking System**.