

# 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**.