# Edsequille Publico

## AI/Machine Learning Engineer

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## Summary

AI/ML Engineer and Firmware Engineer with experience in training, fine-tuning, and deploying large AI models, developing computer vision systems, building API infrastructures, and automating workflows. Strong foundation in Python, data preprocessing, embedded systems, and production-level deployment. Adept at integrating ML models into applications, containerization, and technical documentation.

## Education

**Batangas State University**
Bachelor of Science in Mechatronics Engineering
Jun 2013 — Jul 2019

**Associate Data Science**
DataCamp
Jan 2025 — Present

## Technical Skills

Python, Git, Machine Learning, LLM, Deep Learning , Prompt Engineer

## Soft Skills

Collaboration, Problem-solving, Communication, Time management, Result-oriented

## Additional Skills

Research, Documentation

## Languages

English, Filipino

## Certifications

- Certified Associate Data Scientist – DataCamp
- Google Developer Groups on Campus PLM Scholar
- Certified AI Engineer for Developer Associate - DataCamp

## Work Experience

**Grandsun Advanced Electronics Philippines Co Inc**   Dec 2020 — Oct 2024
Senior Software Engineer

- Developed and tested firmware for audio and Bluetooth devices.
- Conducted software verification and performance validation.
- Provided technical support to production teams and customer service.
- Prepared engineering documents including process documentation and development reports.
- Implemented engineering control procedures and trial production processes.
- Handled version control and continuous improvement initiatives.
- Built internal production automation tools using Python.

**Enritech**                                          Mar 2025 — Present
AI/Machine Learning Developer

- Trained and fine-tuned multimodal and computer vision models (YOLO, Qwen-VL) using DeepSpeed, LoRA, and QLoRA.
- Built end-to-end model pipelines including dataset preparation, training configuration, and experiment tracking.
- Deployed LLM and VLM models on Runpod Serverless; configured GPU workers and deployment endpoints.
- Developed production-ready FastAPI inference servers; built Docker images and optimized containers for deployment.
- Managed Hugging Face repositories including safetensors, version control, and model cards.
- Designed scalable API endpoints for mobile and web app consumption.

**RM Worthy Virtual Assistants**                      Sep 2025 — Present
Prompt Engineer (Part-time)

- Designed AI agents and workflow automations using Hatz AI and n8n.
- Created system prompts, multi-step logic flows, and task automations.
- Configured integrations, conditional flows, and basic workflow logic for business operations.

## Projects

**Medical Transcription Organizer using LLMs (OpenAI API)**

- Extract patient age and recommended treatment from free-text medical transcriptions.
- Automatically retrieve relevant ICD-10 codes based on extracted treatments.
- Structure the extracted data into a clean, analysis-ready dataset.