

Ronald John C. Atanoso

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EDUCATION

Caraga State University

Butuan City, Agusan del Norte, Philippines

Bachelor of Science in Computer Science, Cum Laude

2021 – 2025

EXPERIENCE

AI Developer

Centrics Networks

Oct 2025 – Present

Philippines

- **Sole-architected and built** an enterprise multi-tenant RAG system from proposal to production using **Next.js**, **LangGraph**, **Milvus**, and **vLLM** on-prem on data center GPUs; **benchmarked** sub-500ms median latency (p50: 485ms, p95: 1.9s) with Nomic embeddings; integrated **gpt-oss-safeguard** guardrail model for LLM output safety.
- **Built** a **SOC AI Agent** serving **2M+ daily events**; developed **3 custom MCP tools** for **FortiSIEM** (event analytics, incident retrieval, device inventory) enabling autonomous investigation, root cause analysis, and false positive detection.
- **Operated OpsRamp** for AI-powered infrastructure monitoring and observability across the SOC environment.

Software Engineering Intern

Department of Science and Technology

Feb 2025 – May 2025

Butuan City, Philippines

- **Engineered** RESTful APIs with **Laravel** and **MySQL**; monitored integration logs and escalated issues, building investigative instincts applicable to SOC alert triage.
- **Delivered** full-stack features — **Figma**-to-frontend, schema design, backend logic, staging deployment — for inter-agency digital transformation under **NDA**.

PROJECTS

Language Model Training & Distillation — Kiln AI, WandB, Tesla GPUs

Apr 2024 – Jun 2025

- **Trained** 11 GPT-2-like models on 500K+ synthetic conversations via custom pipelines; **optimized** attention mechanisms (Full, Sparse, Sliding Window) improving compute-performance ratio by **17%**.
- **Designed** custom LLM eval pipeline using prompt-based meta-evaluation for coherence, factuality, and relevance; tracked all runs with **WandB** and **Kiln AI** dashboards.

Automated Video Generator — Apache Airflow, Celery, MoviePy, OpenGL

May 2025 – Jun 2025

- **Built** end-to-end pipeline auto-generating explainer videos from scripts via **Airflow DAGs** and **Celery** workers for parallel voiceover, image scraping, and **MoviePy/OpenGL** compositing.

LLM Evaluation Framework — Python, Kiln AI, GPT-based Eval

Jan 2025 – Jun 2025

- **Designed** a custom model evaluation pipeline for synthetic conversational datasets using prompt-based meta-evaluation to assess coherence, factuality, and relevance.
- **Integrated** evaluation outputs with **Kiln AI** dashboards and database records for benchmarking across model versions.

MNIST Digit Recognition Web App — Flask, TensorFlow, GCP

Jun 2023 – Jul 2023

- **Built** draw-and-predict web app with real-time ML inference; **deployed TensorFlow** model via **Google Cloud Function** for serverless digit classification.

CERTIFICATIONS

Data Communication and Network Technology — Huawei

2025

TOPCIT — Level 3, Industry Standard (Top 10% Nationwide)

2024

Deep Learning Specialization — Coursera / DeepLearning.AI

2023

Supervised Machine Learning: Regression and Classification — Coursera / Stanford Online

2023

TECHNICAL SKILLS

Languages: Python, Java, C/C++, JavaScript, PHP, SQL (Postgres)

Frameworks & AI/ML: Flask, FastAPI, React, Next.js, Node.js, LangGraph, PyTorch, NumPy, vLLM, Milvus, WandB, TensorFlow

Tools & Platforms: Git, Docker, GCP, Airflow, Celery, FortiSIEM, OpsRamp, EC2, Cloudflare Tunnel, Kali Linux