Sophia Mae Reyes

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# Education

* B.S. in Artificial Intelligence – De La Salle University, 2021
* Magna Cum Laude | Dean’s Lister (2017–2021)

# Certifications

* TensorFlow Developer Certificate
* Hugging Face NLP Specialization
* Microsoft Azure AI Engineer Associate

# Skills

Python, PyTorch, TensorFlow, Hugging Face, NLP, Computer Vision, AWS, MLOps, Docker

# Experience

* **AI Engineer | VisionAI Corp. | 2022–Present**
* Increased chatbot resolution rates by 30% by fine-tuning GPT-based conversational models tailored for customer support.
* Built and deployed a recommendation system using TensorFlow, leading to a 12% increase in upselling conversions.
* Reduced cloud costs by 18% by containerizing AI models and deploying them with AWS Lambda for scalable inference.
* **Machine Learning Specialist | NeuroNet Systems | 2021–2022**
* Enhanced defect detection accuracy by 22% by developing convolutional neural networks in PyTorch for manufacturing pipelines.
* Reduced model inference time by 40% using quantization and pruning, allowing faster real-time predictions.
* Improved model throughput by 15% by building data augmentation pipelines that diversified training samples.
* **Research Assistant | DLSU AI Lab | 2020–2021**
* Built NLP models for Filipino-language sentiment analysis that achieved 89% accuracy on local social media datasets.
* Co-authored two academic conference papers on natural language processing methods and transfer learning applications.
* Improved experiment reproducibility by 25% by integrating MLflow tracking and structured version control.