

Ye Yint Thu

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OVERVIEW

An Engineer with 3+ years of AI, Software & Robotics Projects experience, possessing a strong passion for AI
Master of AI (UTS), AWS Certified in Machine Learning Engineer - Associate

Github: <https://github.com/WalterYeYint>
Portfolio: <https://walteryeint.github.io/>

EXPERIENCE

Part-time Software Engineer (Remote) Qibitech Inc	April 2022 - Present
<ul style="list-style-type: none">Added new features and tests while maintaining and fixing bugs for 3 different Warehouse Robots Control Systems, a robot arm and HATS SDK (in-house robot control system)	
Multi-Agent AI System for Company Risk Evaluation University of Technology Sydney (UTS)	July 2025 - November 2025
<ul style="list-style-type: none">Developed a Langchain-based project for analyzing, evaluating and recommending company stock using multiple AI agents with tools and Retrieval Augmented Generation (RAG) database	
SonicJob: AI-Powered Job Employment Platform University of Technology Sydney (UTS)	March 2025 - May 2025
<ul style="list-style-type: none">Created a streamlit & flask web-app for job/candidate recommendation based on uploaded resumes/job descriptions (Selected for UTS AI Showcase, 2025)Trained an LLM (Roberta) using MLOps pipeline and CI/CD workflow, achieving F1 score of 0.81	
PPE detection using YOLOv8 Personal Project	December 2024 - January 2025
<ul style="list-style-type: none">Created a PPE detector model to detect 10 different personal protective equipments such as hardhat mask and safety vest with YOLOv8 and hosted on streamlit platform with different configurations	
MI-EEG classifier using IFB and CNN University of Technology Sydney (UTS)	March 2024 - June 2024
<ul style="list-style-type: none">Led the team in a project to design an motor imagery EEG classifier with Interpretable Filter Bank and Convolutional Neural Network, reaching accuracy of 82.76%	
Online food ordering web-app with recommendation system University of Greenwich	February 2022 - November 2022
<ul style="list-style-type: none">Created an online food ordering web-app prototype with flask and KNN algorithm for recommendation	
Freelance Software Engineer (Remote) Upwork Platform	October 2021 - January 2022
<ul style="list-style-type: none">Developed two computer-vision systems for detecting defects on white papers and Logos	
Junior Machine Learning Engineer Intern Omdena	July 2021 - September 2021
<ul style="list-style-type: none">Took part in two-month project for developing object detection for symbols, lines and recognize texts in piping and instrumentation diagrams	
Lane Following Vehicle Prototype with Traffic Sign Detection Yangon Technological University	December 2019 - February 2021
<ul style="list-style-type: none">Designed an autonomous vehicle prototype using OpenCV and PID controllers for lane-following, and TensorFlow (SSD-MobileNet-V2) for real-time traffic sign detection and speed adjustment	

EDUCATION

Master of Artificial Intelligence University of Technology Sydney (UTS)	February 2024 - November 2025
<ul style="list-style-type: none">Received Post Graduate Academic Excellence ScholarshipIncluded in the Dean's List 2025 for outstanding academic achievementMaintained an outstanding GPA of 6+/7	
B.Sc (Computing) (Honours) (First Class) University of Greenwich	June 2014 - February 2023
<ul style="list-style-type: none">Achieved First Class Honours	
B.E (Electronic Engineering) (On Hiatus) Yangon Technological University	December 2014 - February 2021

CERTIFICATES

AWS Certified Machine Learning Engineer – Associate Amazon Web Services Training and Certification	September 2025 - Present
Production Machine Learning Systems Google Cloud Skills Boost	June 2024
Analyze Images with the Cloud Vision API Google Cloud Skills Boost	June 2024
Classify Images with TensorFlow on Google Cloud Google Cloud Skills Boost	June 2024
Deep Learning Specialization deeplearning.ai	September 2019 - August 2020

SKILLS

- Programming Language- Python, C++, C, PHP
- Database- MySQL, Sqlite3, Chroma
- Frameworks & Platforms- Tensorflow, Pytorch, OpenCV, Scikit-learn, pandas, Langchain, transformers, huggingface, RAG, MCP, Django, Flask, GCP, AWS, Streamlit, ClearML, socket.io, zmq, Docker, ROS
- Development & Collaboration Tools- Git, Bitbucket, Jira, VSCode, Slack, Notion
- Hardware- Arduino, Raspberry Pi, Sensors, Transceivers & Control Systems

EXTRA CURRICULAR ACTIVITIES

Team Coordinator Myanmar STEM Competition	November 2018
<ul style="list-style-type: none">Volunteered as team coordinator and managed schedule, provisions, provided guidance for Team YTU	

ADDITIONAL INFORMATION

English Language Proficiency (PTE) - 9.0 (Overall)
Japanese Language Proficiency (JLPT) - N2 passed
Interests: AI, Programming (100 days of code campaign, LeetCode 75), IoT, Software Control Systems

REFERENCES

Available upon request