

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)

April 2022 - Present

Qibitech Inc

- 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

July 2025 - November 2025

University of Technology Sydney (UTS)

- 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

March 2025 - May 2025

University of Technology Sydney (UTS)

- 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

December 2024 - January 2025

Personal Project

- 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

March 2024 - June 2024

University of Technology Sydney (UTS)

- 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

February 2022 - November 2022

University of Greenwich

- Created an online food ordering web-app prototype with flask and KNN algorithm for recommendation

Freelance Software Engineer (Remote)

October 2021 - January 2022

Upwork Platform

- Developed two computer-vision systems for detecting defects on white papers and Logos

Junior Machine Learning Engineer Intern

July 2021 - September 2021

Omdena

- 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

December 2019 - February 2021

Yangon Technological University

- 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

- Received Post Graduate Academic Excellence Scholarship
- Included in the Dean's List 2025 for outstanding academic achievement
- Maintained an outstanding GPA of 6+/7

B.Sc (Computing) (Honours) (First Class)
University of Greenwich

June 2014 - February 2023

- 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

- 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