Ye Yint Thu

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OVERVIEW

An Engineer with 3+ years of hardware and software experience, possessing a strong passion for AI
Experienced in completing Software, AI & Robotics Projects
Holds B.Sc(Hons) Computing and certificates in AI, Software Development
Github: https://github.com/WalterYeYint
Portfolio: https://walteryeyint.github.io/

EDUCATION

Master of Artificial Intelligence   **February 2024 - November 2025**
University of Technology Sydney (UTS)
- 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)   **June 2014 - February 2023**
University of Greenwich(Teaching Institution -KMD)
- Achieved First Class Honours

B.E (Electronic Engineering) (On Hiatus)   **December 2014 - February 2021**
Yangon Technological University

EXPERIENCE

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

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)

Analyzing and Visualizing AUS Open Tennis dataset   **October 2024**
Personal Project using Tableau

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(wrinkles, stains, etc.) on white papers and defects on 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

CERTIFICATES

Github Foundations   **November 2024**
Github

Production Machine Learning Systems   **June 2024**
Google Cloud Skills Boost

Analyze Images with the Cloud Vision API   **June 2024**
Google Cloud Skills Boost

Classify Images with TensorFlow on Google Cloud   **June 2024**
Google Cloud Skills Boost

Deep Learning Specialization   **September 2019 - August 2020**
deeplearning.ai

SKILLS

- Programming Language- Python, C++, C
- Database- MySQL, Sqlite3
- Frameworks & Platforms- Tensorflow, Pytorch, OpenCV, Scikit-learn, matplotlib, Django, Flask, GCP, AWS, Streamlit, ClearML, socket(TCP, UDP), zmq
- Development & Collaboration Tools- Git, Bitbucket, Jira, VSCode, Slack, Notion
- Arduino, Raspberry Pi, Sensors, Transceivers & Control Systems

EXTRA CURRICULAR ACTIVITIES

Team Coordinator   **November 2018**
Myanmar STEM Competition
- Volunteered as team coordinator and managed schedule, provisions, provided guidance for Team YTU

ADDITIONAL INFORMATION

English Language Proficiency (IELTS) - 7.5
Japanese Language Proficiency (JLPT) - N2 passed
Interests: AI, Programming (100 days of code campaign, LeetCode 75), IoT, Software Control Systems

REFERENCES

Available upon request