MYAT PHONE SAN

PROFILE

Deep knowledge of machine learning algorithms. Proficient in in AI libraries and frameworks. Possesses a strong background in developing AI models, demonstrated through practical experience with projects such as the Plant Disease Detection System (leveraging Deep Learning and Computer Vision), Agriculture Chatbot System (applying Natural Language Processing), Passport OCR System (utilizing Computer Vision for data extraction), and Myanmar Population Prediction System (employing data analysis).

CONTACT

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MY PROJECTS

1. Plant Disease Detection System

- **Features:** AI-powered image classification system for accurate plant disease diagnosis.
- **Technologies Used:** Python, Deep Learning frameworks (e.g., TensorFlow/Keras), Computer Vision libraries (e.g., OpenCV), Streamlit (for interactive UI), Google Colab (training images).
- **Description:** The system developed for the Department of Agriculture to manage to manage plant health and disease situations and also supports for farmers.

2. Passport OCR System

- **Features:** Optical Character Recognition solution for data extraction from passport document (e.g., date of birth, passport number).
- **Technologies Used:** Python, OpenCV, Tesseract OCR engines, Image Processing Methods.
- **Description:** For Ministry of Hotels and Tourism.

3. Myanmar Population Prediction System

- **Features:** Predictive modeling system for forecasting population trends and demographics in Myanmar.
- **Technologies Used:** Python, Machine Learning libraries (e.g., scikit-learn), Data Analysis (e.g., Pandas, NumPy), Statistical Modeling.
- **Description:** Thesis project and helps people government, researchers, make decisions about the future.

SKILLS

- **Programming Languages:** HTML, Tailwind CSS, JS ES6, JQuery, Ajax, Node JS, Express JS, PHP, Python, C++
- **Frameworks:** Laravel, Bootstrap, Django, Flask, Streamlit
- **Libraries:** Scikit-learn, TensorFlow/Keras, OpenCV, NLTK, Numpy, Pandas
- **Databases:** MySQL, MongoDB
- **Version Control:** Git, GitHub
- **Design Tools:** Adobe Photoshop, Adobe Illustrator, Adobe XD
- **Soft skills:** Teamwork, Communication, Problem Solving, Research

LANGUAGES

- English Four Skills Intermediate Level
- Japanese Language Proficiency Test (JLPT) N4

EDUCATION

Technological University (Meiktila)
Bachelor of Engineering in Information Technology (BE.IT-1)