

# Ngwe Sandar Linn

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## Professional Summary

Detail-oriented and results-driven first-class Computer Science graduate with robust experience in software engineering, web development, and machine learning. Proficient in Python, Tensorflow, Django, and Dart, with a proven track record in delivering real-world solutions through advanced machine learning models and dynamic applications. A quick learner with a passion for technology and innovation, committed to finding impactful solutions across diverse industries.

## Key Skills

- Programming Languages: Python, C++, C, Dart
- Machine learning: TensorFlow, PyTorch
- Web Development: Flask, Django, HTML, CSS, Bootstrap
- Cloud & Databases: Docker, MySQL, Postgres
- Version Control: GitHub, GitLab
- Tools: Kaggle, Huggingface, UTM, WordPress, VMWare

## EDUCATION

### University of the West of England, Bristol

#### *Bachelor of Science (Honours), Computer Science*

September 2021 - July 2024, Grade 1:1

##### Notable Projects:

- Deepfake Detector: Built high-accuracy CNN models for detecting deepfakes. Applied GAN networks to generate test data for detection web application.
- DoodleCode: Developed an AI-powered tool for automating website layout creation from wireframe sketches using YOLO and reinforcement learning, enhancing the process of web development.

### Yangon Technological University

#### *Bachelor of Engineering, Mechatronics*

December 2018 - April 2020

- Completed 2 years
- Key subjects: Advanced Calculus, Mechanics, Engineering drawing.

## EXPERIENCE

### Starling Cycles, Bristol — *Software Developer*

December 2023 - PRESENT

- Developed **Flutter** and **Django**-based apps to streamline the manufacturing process, demonstrating creative problem-solving and adaptability.
- Collaborated with cross-functional teams to understand user requirements and deliver high-quality, innovative solutions.

### Memoirs of the Fallen, Yangon — *Content Writer*

February 2021 - June 2021

- Contributed to the creation of digital content, applying analytical thinking to present data in engaging formats.
- Transformed the front-end of the website using **WordPress**, increasing engagement by 120%.

### Laboratory of Robotics and Artificial Intelligence (LORA), Yangon — *Social Media Team Leader/ Researcher*

December 2019 - May 2021

- Guided the social media team of the student-led research organisation, handling the social media accounts, and proofreading content.
- Organised virtual events accelerating the growth of the organisation.
- As a researcher, studied machine learning for human-like robots, and robotic arm.
- Notable Projects:
  - **BB-8**: Engineered a replica of the Star Wars character using **Arduino** winning 3rd runner up in YTU Project Show (2020).
  - **Disinfection Robot**: Programmed a hybrid-controlled rover in **C++**, to spray sanitiser solution in large surface areas, which was donated to and well-utilised by quarantine hospitals in Yangon.

## AWARDS

**UWE'S DEAN'S LIST**: acknowledged as an outstanding student for achieving high marks in all modules.

## Languages

- **English**: IELTS score 8.5 (2021)
- **Burmese**: Native speaker
- **Korean**: Intermediate