

Dayan Perera

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EDUCATION

Monash University

Malaysia

Postgraduate: Master of Artificial Intelligence

Ongoing - Nov 2024

Thesis title: Multiple Sclerosis Lesion Segmentation

Date for Thesis: Feb 2024 - Nov 2024

- Weighted average mark: 75(tentative)
- Relevant coursework: Deep Learning, Multi-Agent Systems, IT Research Methods, Machine Learning

Bursary: Monash Alumni Bursary of 10% discount

Undergraduate: Computer science in Data science

Graduation Date:2023

- GPA: 3.5
- CGPA: 3.846
- Weighted average mark: 78
- Relevant coursework: Algorithms and Data structures, Deep Learning, Final Year Project, Object Oriented Design and Implementation, Mobile Application Development

Scholarship: Received Monash High Achiever Award with the only exception being the final semester.

Publications

Cryptocurrency Analysis: Price

Monash

Prediction of Cryptocurrency Using User Sentiments and Quantitative Data

Venue: ICCART 2024

Status: Published

Feb 2024

DOI: 10.5220/0012315100003636

Feasibility of Neural Radiance Fields for

Monash

Crime Scene Video Reconstruction

Venue: VCIP2024

July 2024

Status: Pending

Link: <https://doi.org/10.48550/arXiv.2407.08795>

WORK EXPERIENCE

Monash University Malaysia

Malaysia

Class Assistant for FIT2099: Object Oriented Design and Development

July 2023 - November 2023

Feb 2024 - Present

- Assisting the tutor with delivering the lab concepts to students and assisting students with their doubts.
- Monitoring the ED forum and responding to student's queries.
- Assisting lecturers and tutors in interviewing assignment groups and marking assignments.

ProximaX(Startup)

Malaysia

Software developer intern

Nov 2022 - March 2023

- Improved the Sirius Mobile Wallet by integrating the Sirius ID and NFT management and viewer features.
- Designed flow diagrams for Sirius ID integration.

Monash University Malaysia

Malaysia

Peer mentor

Oct 2021 - Nov 2021 & July 2022 - August 2022

- Worked with a partner mentor to a group of freshman mentees, purpose was to assist new students with the process of settling down into university lifestyle and getting used to university in general.
- Worked as a mentor on two occasions to two separate groups. Once in 2021 and once in 2022.

SKILLS & INTERESTS

Skills:

*(**Proficient**) Javascript, Python, Typescript, React, Git (**Familiar**) Ionic, Angular, Tensorflow, Keras*