

Zaw Win Paing

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Portfolio Link - <https://barbatosv2.github.io/> | Github Link - <https://github.com/BarbatosV2>

SUMMARY

Hardworking and bilingual Computer Science (AI) graduate with experience in backend development, computer vision, and large language models (LLMs). Proven ability in AI research, risk management systems, and robotics integration.

EDUCATION

The University of Adelaide, Adelaide, Australia

Bachelor of Computer Science (AI) - July 2019 - June 2023

Eynesbury College, Adelaide, Australia

Diploma of Computing and Information Technology - October 2018 - June 2019

EXPERIENCE

CISO SUCCESS - Backend and AI Engineer

September 2024 - Present

A company that trains chief information security officer

- Backend to handle calculation of risk management and debugging library
- Research about risk management and calculations
- Build and train own LLM for AI implementation for easy data input and customer support

Flux Robotics, Adelaide, Australia - Computer Vision and Machine Learning Engineer

November 2022 - September 2024

A robotic company that helps farmers by applying computer vision and robots

- Trained models for object detection, classification for Computer Vision model
- Manage and ensure if the objection detection is accurate
- Used ROS (Robot Operating System) to simulate robotic vision systems and test models in virtual environments
- Worked with Laser Galvo and embedded systems for visual detection tasks
- Created a camera calibration code to measure object distances
- Developed an object distance measurement system using a camera, employing trigonometric calculations to accurately determine distances
- Data collection, image labelling, and processing pipelines for machine learning

Adelaide Myanmar Students Association - President

November 2022 - January 2024

A university community club that share Myanmar culture with students and staff

- Fortnight meeting for the incoming events, club meetup and social media posts
- Ensuring transparent and efficient use of resources

SKILLS & ABILITIES

Programming Languages

Python | C++ | JAVA | C# | SQL | HTML | CSS | R

Computer Vision and Machine Learning Tools

Cuda (Nvidia) | Tensorflow | Pytorch | Numpy | Matplotlib | OpenCV

Leadership and Team Experience

- Team leader at Thate Pan Hub content developing team
- President at Adelaide Myanmar Student Association
- Student Representative Council Officer (Uni Adelaide)

AWARDS

Ideation Project (December 2020 - December 2020)

- Project: Thate Pan Hub – Teaching children computer science and IT without technology.
- Won “Most Effective Idea” title.

VR Project (July 2020 - November 2020)

- A VR game without any bugs and in game, the player can spawn objects and build things with them.
- Built with Unity and did Sound recording, 3D modelling, UI design and Programming (C#).

Tech eChallenge (July 2021 - November 2021)

- A project based student competition about technology.
- Made and design an AI scheduler that will assist for rescheduling and time management
- Reached 4th position

REFEREES

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