

MATTHEW R. VALE

DIGITAL AND AI FACILITATOR & TEACHER

SUMMARY

Innovative educator and data technologist with extensive experience integrating LLMs, programming languages, and creative digital tools. Combining deep understanding of data informed leadership through established and emerging technology and AI tools.

EXPERIENCE

DIGITAL TECHNOLOGIES TEACHER

Nambour Christian College

2022 - Present

- Leading classroom learning through pedagogical practices including designing engaging robotics projects, and integrating API driven sensor data collection for students and staff.
- Facilitating student and staff integration of ethical AI principals
- Scaffolding group learning of AI tools from basic to advanced techniques including API calls, datasets, transformers and LLM history.
- Collaborating with leadership to align technology integration with company vision.

FOUNDER & EDUCATIONAL LEAD

Curly Words Therapies

2022 - Present

- The creation of Curly-Words Australia aimed at supporting students and families with educational techniques surrounding Autism and transitions through school.
- The creation of AI integrated allied health tools to aid the storage and contextual retrieval of clinical notes linking with evidence based practices.
- Administration portal and data retrieval tools powered by LLM such as GPT 4.0, GPT OSS 120B, Anthropic Claude etc.
- Delivery of professional development on AI-supported learning and inclusive education to allied health professionals.

REFERENCE

Jodie Chapman

Teacher and Colleague
NCC | Sanctuary Church - 0412891187

Lawrence Vernon

Former LMA RMS Lead - ESH Manager
Lockheed Martin
lozav3@outlook.com - 0457963617



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Sunshine Coast, QLD
Australia

EDUCATION

Masters Thesis / PHD (*Ongoing*)

Southern Cross University
2025

Master of Teaching

University of the Sunshine
Coast 2019 - 2022

Data Analytics Certificate

Google
2026

Business management training

ALDI Australia
2020 - 2021

Bachelor of Fine Arts (*digital art*)

QUT Brisbane, QLD
2004 - 2008

Cert 3 & 4 Network Engineering

TAFE (Southbank, QLD)
2003 - 2004

MANAGER

ALDI Stores Australia

2019 - 2021

- Leading a team of 25 in daily running of store including:
 - collection and response to daily sales data
 - informed predictions and decision making for ordering
 - compilation and processing of data and formula management (Excel and html/JS based).
 - comparison of KPIs, sales data, turn over figures
- Development and continued improvement of cloud based architecture and administrative tools for client programs/data.

OWNER / MANAGER

The Menagerie group (bar / cafes / supplies)

2012 - 2019

- Developing and implementing business initiatives including The Menagerie cafe, Room 60 wine bar and music/arts venue, market stalls and boutique beverage supplier.
- Business bookkeeping and strategic planning/investment
- Staff leadership

ADDITIONAL PROJECTS

The NCC Robotics Club

Programs for students to engage with Coding and design of robotics systems.

Projects: Bowie the classroom robot, Arcade machine microcontroller, online ESP32 IDE, custom student app builder pipeline.

Harvest Oak Digital

Semantic/syntax/topology led qualitative data collection tool for business.

NEO4j based with custom contextual AI enhancement.

Projects: VCon engine, vcx and vql custom query language backend for data retrieval.

R.A.I.N. Labs

AI and robotics innovation hub for students.

Projects: Plantbot, Nimlet ESP32 hand console, student and teacher portal.

Mount of Olives Foundation

Charity group designing benevolent programs to help those in need throughout QLD

Projects: Hope on the road, Wicked Workflow.

SKILLS

AI Literacy & Ethics

Curriculum Design

Evidence Based Teaching practices

Pedagogical AI Integration

Robotics & IoT Innovation

Professional Development

Inclusive Education

PROGRAMMING

JavaScript

PHP

Python

C++

SWIFT

SQL

JSON

Powershell / Bash

Web Portal & API Development

Effective prompt engineering

HOBBIES

Robotics

Learning

Design

3d printing and building

View my portfolio:

tinyurl.com/matthewvale