

Dylan Lewis

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EDUCATION

University of Technology Sydney

Expected Graduation: Oct 2028

B. IT (Business & Data Analytics) | B. Creative Intelligence & Innovation

Sydney, NSW

- **Distinction average** | Nominated for **UTS TechFest** (Communication for IT Professionals)
- Solved real business problems with **Tech Central** and **Moose Toys** through BCII innovation challenges | UTS Tech Society, Engineering & IT Society

St Luke's Grammar School

2019 – 2024

Higher School Certificate

Sydney, NSW

- **Gold Duke of Edinburgh Award** | Peer Support Leader | Division 1 Basketball (high-performance program) and selective USA Basketball Tour

WORK EXPERIENCE

Sydney Piling

Jul 2026 – Present

AI Automation Specialist

Sydney, NSW

- I build **AI agents** and **automations** that save **15+ hours** of admin a week, scoped with managers and staff
- I led the move to a **cloud HR platform** for **50+ staff** and automated safety inductions with **Zapier**
- I built a read-only **finance agent** for a KPI and cash-flow dashboard, backed by an **automated test suite**
- I designed a **lead generation pipeline** that enriches leads and drafts outreach for human review
- I built a **social media pipeline** for Instagram, Facebook and TikTok; automated engineering forms
- I wrote our **Claude playbook** and staff SOP, and set up **model routing** to balance cost and quality

Obsidia

Feb 2026 – Jul 2026

Development Contributor

Sydney, NSW

- Developed a **private AI platform** for Australian law firms, accountants and real estate agents under the **AML/CTF Tranche 2** reforms, answering from a firm's own documents with **source citations** and **18 compliance workflow packs**; launched October 2026

Mounties Group

Jun 2025 – Oct 2026

Bartender

Sydney, NSW

LEADERSHIP EXPERIENCE

LEGO Robotics Club Coordinator, St Luke's Grammar School

Feb 2026 – Jul 2026

- Ran weekly sessions mentoring students in **robotics design, build and programming**
- Coached problem solving and design thinking, linking classroom learning to real-world software and AI

Co-founder & Chief Technology Officer (CTO), Assertif.AI | [Website](#)

Apr 2026 – Sep 2026

- Co-founded an **AI talent marketplace** that verified candidates through hands-on, scenario-based case studies instead of multiple-choice tests
- Owned product, engineering, the roadmap and the **AI evaluation engine**, which assessed candidates against a rubric covering output verification, scope discipline and disclosure
- Launched the public site in **May 2026** and led early partnerships and go-to-market with my co-founder

PROJECTS

Gradient | [Website](#) | [GitHub](#)

TypeScript | Deep Learning

- Wrote **backpropagation from scratch** in TypeScript with no libraries, checked by **12 automated tests**

Aussie Data MCP | [Website](#) | [GitHub](#)

TypeScript | MCP | AI Agents

- Built an **MCP server** with **10 tools** that lets Claude query live ABS, RBA and Opal data, published on npm

Commute Pulse | [Website](#) | [GitHub](#)

Python | pandas | Data Visualisation

- Analysed **Opal tap data since 2020**: CBD Fridays stuck at **78%** of midweek since 2022 (91% pre-COVID)

TECHNICAL SKILLS

Languages: TypeScript, Python, JavaScript, SQL, HTML/CSS

AI & Automation: Claude (Code, Cowork, Projects), AI agents, Zapier, n8n, prompt engineering, model routing

Frameworks/Tools: React, Next.js, Node.js, REST APIs, webhooks, Obsidian

Other: Data analytics, business analysis, product strategy, stakeholder communication