

ADRIAN TAY

+6017 217 2448 • adriantay21@gmail.com • Petaling Jaya, MY
www.adriantay.cv • linkedin.com/in/adriantay21 • github.com/adriantay21

EXPERIENCE

Reporting Analyst, NextDC Ltd

Mar 2025 - Present

- Engineered automated reporting dashboards and internal data tools in Python and Excel Power Query, eliminating **100+ hours of manual work per month** across the finance team
- Cut the sales reporting cycle **from days to minutes with 80% less manual entry**, aggregating multi-source data and applying an LLM to extract metrics from raw invoices
- Built a Salesforce-integrated document generator (React, Flask, AWS EC2) that removed **15+ hours of manual admin per week** from a fully manual process
- Automated scrapers monitoring Australian planning applications for upcoming data centre projects, surfacing **weekly competitive intelligence to senior management** through a live web interface

Data Analyst, CommieCapital LLC

Nov 2022 - Mar 2025

- Designed and deployed a **multi-agent LLM pipeline** that autonomously extracts and structures key metrics from financial reports, replacing hours of manual analyst review
- Built end-to-end web scraping infrastructure (Selenium, BeautifulSoup) automating financial data collection from multiple sources into a structured **PostgreSQL** database
- Automated recurring data workflows in Python, reducing manual data entry overhead and improving data accuracy

Co-Founder, AJiLe Studios

Oct 2025 - Present

- Deliver custom web applications and internal tools for SME clients, owning full-stack development from architecture through deployment
- Coordinate a **team of 4 developers** across project scoping, delivery, and quality assurance

PROJECTS

Ruma Property Investment Tool

Analytics tool replacing spreadsheet guesswork for property investors: models rental yields and capital growth, compares scenarios side by side, and auto-calculates fees. **In development**, launching in Malaysia. React, Convex, Tailwind.

Reverse Stock Split Bot

Monitors financial sites in real time with an LLM classifier filtering and prioritising reverse-split announcements for a community of **50+ active traders**. Python, OpenAI, Discord API.

Skylab Fitness Web App

Replaced a fully manual booking workflow end-to-end; **live in production**, handling class bookings, credit balances, scheduling, and payments. Next.js, Convex, Clerk.

EDUCATION

Oregon State University — Corvallis, OR

Jan 2023 - Jun 2024

M.S. Business, Financial Analytics - GPA 3.89

Oregon State University — Corvallis, OR

Mar 2019 - Dec 2022

B.S. Business Information Systems - GPA 3.78

SKILLS

Data & analytics: Python Pandas Excel Power Query Power BI

Frontend: React Next.js TypeScript Tailwind

Backend: Flask SQL NoSQL Convex Clerk

Tools: AWS EC2 Docker Vercel GitHub Selenium Web scraping

Languages: English (native) Malay (near-native) Mandarin (near-native)