

ADLEI JED TAN

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PROFESSIONAL SUMMARY

Data wrangler turned ML architect. I build end-to-end intelligent systems that make computers do the boring stuff so humans don't have to. Engineered a DistilBERT NLP model that slashed manual categorization by 30% and designed Flask-powered automation tools friendly enough for my non-technical friends. Three-time Dean's Lister who moonlights as a freelance video editor. Fluent in Python, TensorFlow, SQL, and the art of explaining APIs. Ready to bring my energy and versatile skill set to a team that values innovation and shipping products that solve real problems.

WORK EXPERIENCE

AI/Tech Virtual Assistant (Freelance) | Self-Employed

Present

- Designed and deployed a modern, responsive landing page for Rancho Dagno, a recreational ranch, improving their online presence and client-facing credibility.
- Built an n8n automation workflow that aggregates content from RSS feeds and generates ready-to-send newsletter content for a leadership, consulting, and coaching practice — reducing content production time significantly.
- Developed a specialized handbook generator using n8n and GoHighLevel (GHL), automating the creation of personalized client handbooks from completed intake forms.
- Architected and delivered a private financial ledger application for a private company using Supabase, providing secure, real-time data management for sensitive records.

Data Solutions Intern | PASIA - Procurement and Supply Institute of Asia

June 2025 – August 2025

- Developed and implemented automation scripts and a Flask-based user interface for a machine learning categorization model, improving processing speed and ease of use by 40%.
- Categorized and validated over 3,000+ procurement entries, ensuring 98% data accuracy.
- Built a multi-head DistilBERT NLP model for automated UNSPSC code generation, increasing accuracy by 25% and reducing manual workload by 30%.
- Collaborated with teams to design backend systems and beta ML models, reducing categorization turnaround time by 50%.

Freelance Video Editor (Freelance) | Self-Employed

2023 – Present

- Managed end-to-end video editing for international clients.
- Specialized in high-engagement, short-form video content (Reels, Shorts).

PROJECTS

Rancho Dagno Landing Page | NextJS, Responsive UI/UX Design

- Developing a mobile AI application using Human Pose Estimation. Built using Flutter, TensorFlow Lite, and Firebase.
- Designed and deployed a modern, fully responsive landing page for a recreational ranch business, establishing a strong digital presence and improving client acquisition touchpoints

AI Newsletter Automation Workflow | n8n, RSS Integration, Prompt Engineering

- Built an end-to-end content automation pipeline that aggregates articles from curated RSS feeds, processes source material, and generates polished newsletter drafts for a leadership, consulting, and coaching practice
- Reduced manual content production time by automating research and writing stages, enabling the client to maintain consistent audience engagement with minimal effort

Specialized Handbook Generator | n8n, GoHighLevel (GHL), Workflow Automation (*In Progress*)

- Developing an intelligent document automation system that ingests completed client intake forms from GoHighLevel and triggers an n8n workflow to generate fully personalized client handbooks
- Eliminates manual document creation by mapping form responses to structured handbook templates, enabling scalable and consistent client onboarding

Private Financial Ledger | Supabase, PostgreSQL, JavaScript

- Architected and delivered a secure, private ledger application for a private company, enabling structured financial record-keeping with real-time data entry and access-controlled visibility
- Designed the database schema and backend logic using Supabase to ensure data integrity, security, and reliability for sensitive financial records

Fitpose – Human Pose Estimation System | Flutter, TensorFlow Lite, Firebase, Python

- Developing a mobile AI application that uses real-time human pose estimation to assist users in monitoring and correcting exercise form during workouts
- Integrated TensorFlow Lite models into a Flutter frontend with Firebase backend to enable lightweight, on-device inference and persistent user session tracking

Bi-Modal Sentiment Analysis | Python, TensorFlow, Computer Vision, NLP

- Built a machine learning system that classifies human sentiment by combining two input modalities — natural language text analysis and real-time facial expression recognition
- Designed and trained parallel model pipelines for text and image inputs, merging outputs into a unified sentiment prediction with improved accuracy over single-modal baselines

EDUCATION

De La Salle University Dasmariñas

July 2022 – August 2026 (Expected)

Bachelor of Science in Computer Science - Intelligence Systems

Lyceum Of The Philippines University Cavite

September 2020 – July 2022

Science, Technology, Engineering, and Mathematics (STEM)

SKILLS

Programming Languages: Python, Java, SQL, JavaScript, Typescript

Data Analysis: Pandas, NumPy, Data Visualization

Machine Learning: TensorFlow, scikit-learn

Web Development: Git, API Development, Next.js, PHP

Tools: Jupyter, Docker, Firebase, Flutter

Automation & No-Code: n8n, GoHighLevel (GHL)

Tools & Platforms: Git, Docker, Jupyter, Canva, Capcut (Reels/Shorts)