

WIN LEI THAWDAR

winleithawdar2005@gmail.com | [linkedin.com/in/winleithawdar](https://www.linkedin.com/in/winleithawdar) | winleithawdar.com | github.com/winleithawdar

EDUCATION

Singapore Management University (SMU)

Singapore

Bachelor of Science (Computer Science)

Aug 2024 - Jun 2028

- Specialization in Artificial Intelligence; Second major in Strategic Management ; ASEAN Undergraduate Scholar

EXPERIENCE

MUI Robotics Global Pte. Ltd.

Thailand

Technology Intern (AI/ML)

May 2026 - Aug 2026

- Built Python pipelines for preprocessing, feature engineering and machine learning experimentation on time-series electronic nose and electronic tongue sensor data
- Developed and evaluated clustering and classification approaches, using PCA, silhouette analysis and statistical methods to assess sensor patterns, model performance and data quality
- Investigated sensor drift and model reliability across real-world datasets, translating experimental findings into recommendations for model validation and future development

AI Singapore

Singapore

Data Quality Assurance Student Assistant

Sep 2025 - Apr 2026

- Developed and reviewed 100+ prompt-response pairs for Southeast Asian LLMs across reasoning, conversational and sensitive-content scenarios
- Evaluated 300+ model responses using structured quality criteria and cross-model comparisons to assess accuracy, consistency and reasoning quality
- Identified response-level issues and dataset inconsistencies, contributing to higher-quality training and evaluation data for regional language models

PROJECTS

SMUAI Website | Product Designer & Developer

May 2026 - Jul 2026

- Independently designed and developed the official SMUAI website using Next.js, TypeScript, and Tailwind CSS, covering information architecture, UI/UX, and responsive development
- Integrated an AI-powered chatbot using an LLM API to answer questions with information on the site
- Deployed and maintained the production website through GitHub and Vercel at smuai.org

Pawsitive (Pet Health Care App) | Product Designer & Mobile App Developer

Feb 2026 - Apr 2026

- Designed and developed a cross-platform mobile application using React Native and Expo, implementing end-to-end user flows and interactive mobile interfaces
- Built and integrated FastAPI and Supabase backend services for application data and core product functionality
- Integrated computer vision capabilities into the mobile experience, translating model outputs into user-facing features and application workflows

TariffEase (Tariff Calculation Platform) | Scrum Master & Frontend Developer

Sep 2025 - Nov 2025

- Led sprint planning, task allocation and progress tracking for a full-stack Agile development team using Jira
- Developed responsive frontend interfaces and user flows for tariff calculation, route-risk assessment and transaction history using Next.js, TypeScript and Tailwind CSS
- Collaborated with backend developers to integrate Spring Boot REST APIs and PostgreSQL-backed services with frontend

LEADERSHIP

SMU Artificial Intelligence Club | Vice President

May 2026 - Present

- Lead cross-functional coordination across SMUAI's technical, marketing and operations teams to deliver AI initiatives and strengthen student engagement

SKILLS

Product & Design: Figma, Product Design, Wireframing, Prototyping, Design Systems, Agile/Scrum, Jira

AI & Data: Machine Learning, Model Evaluation, scikit-learn, Pandas, NumPy, PostgreSQL

Programming: Python, Java, JavaScript, TypeScript, SQL, HTML, CSS

Frameworks & Backend: React, React Native, Next.js, Expo, FastAPI, Spring Boot, Node.js, REST APIs

Cloud & DevOps: Docker, Kubernetes, GitHub Actions, GitLab CI, Vercel

AWARDS

- **UBS Global Coding Challenge 2026 (Top 9)** - solved algorithmic programming challenges
- **Tech Series Hackathon 2025 (Top 10)** - built a gamified sustainable shopping browser extension