

TAN LE XUAN

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EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY
Bachelor of Science (Computing & Law)**Aug 2023 – Aug 2027**
(expected)

- Relevant Coursework:
 - Python programming, databases & SQL, web development, data analysis & statistics, process modelling, UI/UX prototyping, software product management, cybersecurity.
 - Contract, Criminal, Torts, Intellectual Property, Corporate, and Data Protection Law.

EXPERIENCE

Data Science Intern, AITHENA**May 2025 – Sep 2025**

- Built and tested NLP summarisation models for legal case documents.
- Automated Python pipelines for data cleaning, tokenisation, and preprocessing.
- Conducted EDA on large legal text datasets to guide feature engineering and evaluate models.
- Collaborated with law + tech teams to validate outputs and improve accuracy.

CO-CURRICULAR ACTIVITIES

Marketing (Projects), SMU Legal Innovation & Technology (LIT)**Mar 2025 – Present**

- Designed campaigns and content promoting law-tech initiatives.
- Supported workshops bridging law and technology applications.

Deputy Director (HR), SMU Broadcast & Entertainment**Jan 2024 – Jan 2025**

- Led recruitment and engagement for 50+ members, improving retention and onboarding.
- Coordinated HR operations and coordinated with stakeholders for large-scale events.

PROJECTS & HACKATHONS

.HACKathon 2025 – QuizBatter (EduTech) | [GitHub](#)**Aug 2025**

- Developed a full-stack web application generating from uploaded PDF learning materials (48h prototype).
- Implemented AI-powered question generation and topic-based customisation.
- Designed quiz interface with instant scoring and personalised feedback.
- Implemented backend for PDF text extraction/cleaning.

Weather Dashboard – Weatherings | [GitHub](#)

- Developing real-time weather dashboard (HTML, CSS, JS, OpenWeatherAPI)
- City-based weather search with responsive, user-friendly design

SKILLS & INTERESTS

Programming & ML: Python (Pandas, NumPy, Scikit-learn, PyTorch), SQL (MySQL), PHP, HTML, CSS, JavaScript**AI & NLP:** Hugging Face Transformers, Legal-BERT, NLP pipelines, text preprocessing**Data & Analytics:** Data cleaning, data preprocessing, reporting dashboards, visualisation (matplotlib, seaborn)**Tools:** GitHub, Figma, Google Colab, VS Code**Languages:** English (fluent), Mandarin (fluent)