

## PROFESSIONAL SUMMARY

Penultimate-year Computing Science (Honours) student at UTS with a Distinction average (WAM: 81.62), specializing in AI, Data Analytics, and AWS cloud solutions. Proven ability to translate complex technical problems into business value through hands-on experience in data-driven product development, consulting operations, and cross-functional leadership. Passionate about leveraging technology to solve real-world challenges across consulting, tech, and startup environments.

## Education

University of Technology  
Sydney (UTS), Sydney, NSW

Bachelor of Computing Science (Honours) –  
Major: AI & Data Analytics | Sub-Major: AWS

Feb 2024 – Nov 2027 (Expected)

**Academic Excellence:** Distinction  
Average (WAM: 81.62) | GPA: 6.13/7.0

## TECHNICAL SKILLS

- Programming & Development:** Python, SQL, Java, JavaScript, HTML/CSS
- Data & Analytics:** Pandas, NumPy, Advanced Excel (Pivot Tables, VLOOKUP, Macros), Plotly, Statistical Modeling
- AI & Machine Learning:** NLP, Transformers (BERT/SBERT), spaCy, Hugging Face
- Cloud & Infrastructure:** AWS (EC2, S3), Docker, REST APIs, FastAPI
- Business Tools:** Streamlit, Data Visualization, Process Optimization

## INTERESTS

Machine Learning & AI Innovation | Case Competitions & Business Strategy | Badminton & Running | Cloud Computing Trends

## AVAILABILITY

Available for full-time internship during Winter and/or Summer 2026 programs (valid Student Visa Subclass 500)

## Technical Projects

**AI-Powered Semantic Document Analyzer**  
*Python, Transformers, spaCy, Streamlit*

- Developed semantic matching system using SBERT embeddings to quantify resume-job description alignment, achieving 85%+ accuracy in skills gap identification
- Engineered full-stack dashboard with real-time scoring to improve hiring efficiency and candidate fit assessment
- Business Impact: Reduced manual resume screening time by ~60% through automated similarity scoring and entity extraction

**LayoverAI – Intelligent Transit Optimization System**  
*Python, NLP, Data Modeling*

- Built AI-powered layover planning engine that converts airport transit time into personalized itineraries based on duration, visa constraints, and user preferences
- Designed rule-based + semantic scoring algorithm to rank transit hubs and activities, optimizing traveler experience during long connections
- Business Impact: Demonstrated ability to apply AI to real-world operational challenges in travel and logistics

**SentimenTrade – Financial Analytics Dashboard**  
*Python, FinBERT, Yahoo Finance API*

- Created real-time stock sentiment correlation dashboard integrating news sentiment analysis (FinBERT) with live market data (yfinance API)
- Developed automated data pipelines and interactive visualizations (Plotly) to surface actionable trading insights
- Business Impact: Enabled data-driven investment decisions by correlating sentiment trends with price movements

## EXPERIENCE

**Secretary & Treasurer | 180 Degrees Consulting (UTS)**

Jan 2025 – Present

- Manage financial planning and budget allocation for UTS branch of the world's largest student-led consultancy, overseeing operational efficiency for 50+ student consultants
- Streamline organizational workflows and reporting processes to improve project delivery timelines and team coordination
- Support consulting teams in structuring client engagements and delivering data-informed recommendations to non-profit organizations

**Marketing Executive | StartUp Link UTS**

May 2025 – Present

- Drive data-informed marketing campaigns to increase student engagement with startup ecosystem events and resources
- Analyze engagement metrics and A/B test outreach strategies to optimize event attendance and community growth

**Tech Team Executive | UTS Artificial Intelligence Society**

Oct 2025 – Present

- Design and deliver technical workshops on Python and Machine Learning fundamentals for 100+ students across diverse technical backgrounds
- Coordinate hackathons and AI showcases, fostering collaboration and innovation within UTS tech community