JUSTIN LEE

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- PORTFOLIO WEBSITE -

PROFESSIONAL SUMMARY

Data Science graduate from Queensland University of Technology (Nov 2024) with **full-time working rights in Australia**. Skilled in Python, SQL, and Tableau, with experience delivering data-driven insights, building scalable solutions, and creating impactful visualisations. Seeking an entry-level Data Analyst or Data Engineer role to contribute to innovative teams and grow expertise in data analytics and engineering.

WORK EXPERIENCE

Academic Tutor (English & Math) | Self Employed, Brisbane
FEB 2025 - PRESENT

- Provide tutoring for Year 4–11 students to strengthen foundations and improve results.

Junior Data Analyst | One-on-one Education Consulting, Brisbane
JUN 2024 - FEB 2025

- Developed an automated ATAR calculator using Excel to streamline student admissions consulting.
- Built a web scraping pipeline to collect university ATAR requirements and integrated results into Airtable for real-time access.
- Conducted data cleaning and transformation, ensuring accurate and consistent information for student guidance.

Project Intern (Samsung Bixby's Algorithm Model) | Adsound, Seoul
MAR 2021 - SEP 2021

- Managed speaker recruitment and scheduling to collect high-quality voice data for algorithm training.
- Processed and cleaned datasets for accuracy, using a CRM system to track participants, monitor progress, and streamline communication.
- Coordinated with international teams to support project management and ensure timely data delivery.

Retail Assistant | Galleria, Toronto
DEC 2018 - FEB 2020

- Provided excellent customer service while supporting inventory management and daily operational tasks.

PERSONAL SIDE PROJECTS

Telco Churn Prediction & Analysis (Python, scikit-learn, Streamlit, SHAP).
AUG 2025 - AUG 2025

- Built a scikit-learn pipeline with Logistic Regression, Random Forest, and XGBoost (best PR-AUC 0.662, ROC-AUC 0.851), optimised thresholds via profit curves, explained drivers with SHAP, and deployed a Streamlit churn app.

Healthcare ETL Pipeline & Dashboard (Python, Streamlit, PostgreSQL).
JUN 2025 - JUL 2025

- Scraped and standardised AIHW datasets, automated reporting, and built a Streamlit dashboard with filters by year, state, and demographics for interactive health insights.

Blockchain ETL Pipeline (Python, PostgreSQL, Bitquery API)
MAR 2025 - MAR 2025

- Developed an ETL pipeline using GraphQL to load Ethereum transactions into PostgreSQL, designed custom schemas for sender/receiver, fees, and timestamps, and transformed data with Python/SQLAlchemy.

Data Cleansing Project (MySQL)
APR 2024 - MAY 2024

- Implemented a four-step cleansing process: removed duplicates, standardised formats, handled null values, and dropped redundant columns for cleaner datasets.

VOLUNTEER

Guitar Session | Korean Presbyterian Church (QTC)   **DEC 2024 - PRESENT**
- Serve as an electric guitarist in weekly Sunday services, contributing to worship through live music and collaboration with the church band.

Industry Officer | QUT BANDS: Business Analysis & Data Science   **DEC 2023 - NOV 2024**
- Brisbane
- Collaborated with the executive team to organise networking events that connected students with industry professionals.
- Managed communications, logistics, and stakeholder engagement to ensure smooth planning and successful event execution.

Secretary | QUT KSA: Korean Student Association - Brisbane   **FEB 2024 - NOV 2024**
- Organised and documented meeting agendas, minutes, and event run sheets to support effective club operations.
- Coordinated logistics for student events, ensuring seamless delivery and high levels of participation.

Marketing Manager | QUT BANDS: Business Analysis & Data Science   **JUL 2023 - DEC 2023**
- Brisbane
- Designed and promoted event campaigns across social media platforms, expanding visibility and student engagement.
- Increased event attendance by implementing targeted marketing strategies and analysing engagement trends.

TECHNICAL SKILLS

- ***Python*, *R*, *Matlab*, *Tableau*, *PowerBI*, *MySQL*, *SQLITE*, *Microsoft SQL Server*, *PostgreSQL*, *Mongodb*, *NoSQL*, *C#*, *Flask*, *API*, *React.js*, *Javascvript*, *Node.js*, *Express.js*, *AWS*, *EC2*, *GIT*, *Docker*, *MS Azure*, *Databricks*, *Snowflake*, *Excel*, *Airflow***

CERTIFICATES

- **Microsoft (Data Analysis) | Microsoft (Azure AI) | Python Institute (Programming with Python) | Astronomer (Data Engineering)**

EDUCATION

Bachelor of Data Science   **FEB 2022 - NOV 2024**
Queensland University of Technology
- Computational and Simulation Science & Data Mining and Artificial Intelligence Minor
- Society: QUTBANDS, CodeNetwork, KSA

AWARDS & ACHIEVEMENTS

- **Best Community Project - 2024 Winter Hackathon (AI Flashcard App)**
- **Volunteer - QLD AI Summit 2024 (Queensland AI Hub)**

REFEREES

Joseph Jung - Senior Validation & Certification Test Engineer, Tritium | Email: jjung@tritium.com.au
Toni Peggrem - Chief Executive Officer, Queensland AI Hub | Email: info@qldaihub.com
Sehyeong Lee - Data Analyst, Transport and Mains Road | Email: sehyeong.v.lee@tmr.qld.gov
Sam Park - Managing Director, One-on-One Education Consulting | Email: sam.oec1@gmail.com