**Michael Le**

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**SUMMARY**

* Master of Data Science (Big Data & Cloud Computing) and Bachelor of Science (Statistics & Stochastic Processing) graduate from the University of Melbourne and La Trobe with ~2 years of experience, including with the SA Government.
* Trained by top Developers from Google and Uber at Google Developer, DS3 Data Science & Australian Computer Societies.
* Completed virtual Data Analyst and Data Scientist internships with Quantium and PWC, and 10+ data analytics projects.
* Skilled in data analysis, visualisation, and manipulation using SQL, Excel, Python, R, Java, Tableau, and C.

**EDUCATION**

**La Trobe University**, Master of Data Science - Big Data & Cloud Computing Feb 23 - Present

**University of Melbourne**, Bachelor of Science – Mathematics & Statistics Feb 18 - Dec 22

**PROFESSIONAL EXPERIENCE**

**Quantium,** Data Analyst (Virtual Experience Program)Mar 24 - Present

* Data Analyst: Create visualisations using R/Python. Provide actionable recommendations based on sales differences.

**PwC,** Data Scientist - Digital Intelligence (Virtual Experience Program)Mar 24 - Present

* Data Scientist: Develop Python classification models to forecast financial metrics, strategize, & create client proposals.

**Jim’s Conveyancing**, Administrative Assistant (Contract) Aug 23 - Oct 23

* Project Management: Liaised with clients and manager to settle 15 property transactions (~$100k), ensuring compliance.

**Sidekicker**, Data, Warehouse Operations, Customer Service, Barista & Construction (Contract) Jul 22 - Mar 23

* Data Collection & Validation: Gathered data (physical forms) for the SA Government and Victorian Election Commission, entering it into databases, and validating it for accuracy and completeness; cross-referenced and corrected discrepancies.
* Data Management & Quality Assurance: Implemented various measures and conducted regular audits to ensure the security and integrity of data, protecting sensitive information, maintaining backups, and adhering to data privacy laws.
* Project Management: Sped up warehouse production by ~2 weeks by reducing shipping errors for all products.
* Leadership: Mentored 5 new staff, training them on end-to-end warehouse operations within 2 weeks.
* Innovation: Optimised customer queuing process, speeding up queue processing time by ~17% at peak times.
* Customer Service: Served 30+ customers/hour and used upselling strategies to generate up to $9k/day in a team.

**VOUNTEERING**

**Google Developer Student Society,** Programmer & MemberMar 24 - Present

**DS3 Data Science Student Society,** Programmer & MemberFeb 24 - Present

**Australian Computer Society,** Programmer & MemberFeb 23 - Dec 23

**DATA & PROGRAMMING PROJECTS**

**AFL Player Performance Analysis - Kaggle,** Data AnalystMar 24 - Present

* Used Python to analyze AFL dataset and identify player performance trends from 1897-2022.

**Forecasting and Evaluating Property Values in Melbourne - Kaggle,** Data ScientistMar 24 - Apr 24

* Employed ML algorithms for property value predictions and used geo-mapping for analysis in Melbourne.

**Predicting Life Expectancy from The WHO Dataset - La Trobe University,** Data Scientist Jun 23 - Oct 23

* Predicted life expectancy using advanced mathematics and programming with the WHO dataset.

**EER Diagram & Holiday Reservation Database System (PL/SQL)- La Trobe University,** SQL Developer Jun 23 - Oct 23

* Designed an EER model, developed stored procedures, and implemented triggers for a reservation system.

**SKILLS**

Technical/Data Analysis - Databases (SQL, PostgreSQL), Tableau, Linear Statistical Models, Machine Learning, Deep Learning

Languages- Python, R, Apache Spark, C, Java, R, RStudio, HTML, CSS, JavaScript

Softwares- Apache Spark, Tableau, Excel, Word

**INTERESTS**

AFL, data analysis, YouTube content creation, gaming (PS5, Nintendo), video game development, hiking.