

STEPHEN MICHAEL LEE

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EDUCATION

Nanyang Technological University, Singapore Bachelor of Business (Honours) in Business Analytics GPA: 4.45 / 5.00 (Distinction)	Aug 2024 - Jun 2027 (Expected)
Relevant Coursework: Analytics I & II (Regression, CART, Clustering, Neural Networks, Random Forest, Time Series), Database Design (SQL & NoSQL Databases, Data Modelling), AI in Accounting & Finance, Probability & Statistics	

Yishun Innova Junior College, Singapore GCE A Levels Top Performance Award, Mid-Year Examination (2021) Top Performance Award, Common Test 2 (2020)	Feb 2020 - Dec 2021
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WORK EXPERIENCE

Discovermarket Asia Finance Automation Intern	May 2025 - Aug 2025
<ul style="list-style-type: none">Developed cloud-based RPA workflows in Power Automate for invoice data extraction (OCR), file handling and document archiving, automating 80% of manual workloadDesigned and deployed a centralised SharePoint approval system with automated request notifications, reducing invoice approval turnaround time by 70%Facilitated User Acceptance Testing (UAT) and debugged workflows, resolving 3 critical errors over a 2-month testing phase to ensure stable deploymentAutomated monthly data aggregation and tabulation of 100+ employee expense claims with VBA, improving reporting efficiency and achieving consistent output accuracyLeveraged Power Query to preprocess and integrate 30K+ records of financial data from multiple sources, optimising downstream analysisBuilt interactive dashboards visualising \$10M+ in annual cash flows, uncovering inflow-outflow trends and delivering insights for improved cash flow management	
Inland Revenue Authority of Singapore (IRAS) Tax Officer	Feb 2024 - Apr 2024

Predictive Analytics for Diabetes Detection (BC2406) Project Data Analyst	Aug 2025 - Nov 2025
<ul style="list-style-type: none">Conducted Exploratory Data Analysis (EDA) on a 253K+ health indicator dataset, identifying key clinical, lifestyle and demographic predictors of diabetes riskBuilt a data preprocessing pipeline which includes duplicate handling, outlier treatment and random sampling for class balancing prior to model trainingDeveloped and evaluated Logistic Regression and Decision Tree models in R, achieving ~75% accuracy and ~80% sensitivity in detecting diabetic cases	

ACADEMIC PROJECT

Predictive Analytics for Diabetes Detection (BC2406) Project Data Analyst	Aug 2025 - Nov 2025
<ul style="list-style-type: none">Conducted Exploratory Data Analysis (EDA) on a 253K+ health indicator dataset, identifying key clinical, lifestyle and demographic predictors of diabetes riskBuilt a data preprocessing pipeline which includes duplicate handling, outlier treatment and random sampling for class balancing prior to model trainingDeveloped and evaluated Logistic Regression and Decision Tree models in R, achieving ~75% accuracy and ~80% sensitivity in detecting diabetic cases	

TECHNICAL SKILLS

Programming Languages: Python, R, SQL, VBA

Frontend Development: HTML, CSS, JavaScript

Analytics & Visualisation Software: Power BI, Tableau, Excel (Power Query, Power Pivot)

Database Technologies: MySQL, MongoDB

Workflow Automation: Power Automate