Lee Zong Han

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EDUCATION

- **Nanyang Technological University (NTU)**   Singapore, Singapore
  Bachelor of Engineering (Electrical and Electronic Engineering) with Honours (Distinction)   Aug 2017 - Jun 2021
  Courses: Data Structure and Algorithms, Cryptography. **Hall Teams:** Cross country, Swimming, Water Polo. **University Wide:** Aquathlon (Captain), National Vertical Marathon (Event Planner).

CERTIFICATES

- **Google Data Analytics Professional Certificate**   Singapore, Singapore
  Coursera   Nov 2022 - Dec 2022
  Upskilled and became more proficient in data analytics tools such as SQL, R and Tableau. Gained insights on data wrangling considerations such as data quality, structure and types.

EXPERIENCE

- **Transasia Private Capital Singapore Pte Ltd**   Singapore, Singapore
  Data Analyst   May 2023 - Present
  - **Data Products and Automation**: Led and designed scripts to pull and transform financial records to produce daily reports to meet operations and client requirements. Reduced spending on consultation hours by $25,000 per script.
  - **Business Analysis**: Led and designed a new invoice financing business process by collaborating with multiple stakeholders and conducting market research.

- **Micron Semiconductor Asia Pte Ltd**   Singapore, Singapore
  Process Integration Engineer / Data Analyst   Jul 2022 - Feb 2023
  - **Data Analytics**: Successfully applied data analysis techniques such as querying, data mining, and statistical analysis to evaluate experimental data and resolve data exceptions, resulting in a significant improvement in yield outcomes. Led multiple analysis projects to discover potential yield gains totaling to $150,000/week.
  - **Multivariate Testing**: Conducted research through planning and execution of multivariate experiments to solve product failures, leading to a saving of $80,000/week.
  - **Data Visualisation**: Created visualisations with JMP to understand inline process situations and presented insights to effectively forecast technology improvements, providing strategic business assessments.
  - **Automation**: Scripted SQL queries with python to regularly distribute scheduled dashboards for stakeholders.

- **HSL Constructor Pte Ltd**   Singapore, Singapore
  Project Engineer   Jun 2021 - Jul 2022
  - **Client Coordination and Collaboration**: Liaised with multiple internal and external stakeholders to retrieve business operation, engineering and regulatory requirements.
  - **Project Management**: Utilised Gantt charts and S-curves to optimise project planning, leading to completion of construction and commissioning of 5 substations 2 months before target. Reduced project expenditure by $140,000.
  - **New Vertical Partnerships**: Worked directly with the CEO on the special projects team to study a vertical farming business, valued at $8 million, and delivered a feasibility study to assist board members and investors in joint venture decision-making.

- **Singapore Armed Forces**   Singapore, Singapore
  Commando Officer   Jul 2015 - May 2017
  - **Leadership**: Led a detachment of 14 men through over 10 missions, achieving the REDCON 1 status at the Army evaluation.

OTHER EXPERIENCES

- **Effect of Post-annealing on the Properties of Antimony Nanofilm (NTU Final Year Project)**: Conducted multivariate experiments to determine the effects of temperature and thickness on crystalisation. Analysed and visualised correlations using R to provide insights for the Professor's experiment decisions.

- **Honour Graduate, 70/15 Cohort, Commando Training Institute**: As part of 2-year mandatory military service in Singapore, finished top 10% of 70/15 Commando Small-unit Leaders Course. Performance judged by character, leadership, knowledge, physical and mental abilities. Selected for Officer Cadet School and commissioned. Went on to serve as a paratrooper and detachment commander in the 1st Commando Battalion. (July '15-17)

- **Silver Medalist, Rowing, 28th Southeast Asian Games**: Represented Singapore at the Southeast Asian Games in 2015. Runner-up in the Lightweight Men's Four 1000m. (May '15)

SKILLS SUMMARY

Languages:	SQL, Python
Libraries:	Dplyr, Ggplot2, Pandas
Excel:	VBA, Pivot Tables
Analytics:	Tableau, MySQL, Jupyter Notebook
Soft Skills:	Willingness to Learn, Problem Solving, Adaptability, Leadership, Time Management
Language Skills:	English (Native), Mandarin (Native)