



LEE ZHEN XUAN

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SUMMARY

Aspiring Data Scientist with a strong foundation in Computer Science, a recent graduate with a Bachelor's Degree from Monash University Malaysia. Proficient in data analysis, machine learning and statistical modeling. Possess exceptional communication and interpersonal skills with a proven ability to work independently and as part of a team. Eager to contribute innovative solutions in a dynamic and collaborative environment.

EDUCATION

Monash University

Bachelor of Computer Science in Data Science
2021 - 2024

Main Courses

- Data Analysis
- Data Visualization
- Modelling for Data Analysis
- Deep Learning
- Object oriented design and implementation
- Algorithms and Programming Fundamentals in Python

SKILLS

• Technical Skills:

- Programming Languages: Python, R, Java, SQL
- Data Analysis: R, Pandas, NumPy, Matplotlib, Seaborn
- Front-end: HTML, CSS, JavaScript, React
- Data Visualization: Tableau, R
- Cloud Platforms: Azure, Google Cloud
- Version Control: Git, GitHub
- Machine Learning: Scikit-learn, TensorFlow, Keras, PyTorch

• Soft Skills:

- Analytical Thinking: Ability to analyze and interpret complex datasets
- Communication: Effective at presenting data insights to both technical and non-technical audiences
- Team Collaboration: Experience working in diverse teams to achieve project objectives
- Time Management: Proficient and managing multiple projects and meeting deadlines

PROJECT EXPERIENCE

• Data Analytics

- Gathered, cleaned, analyzed, and interpreted data using dplyr and tidyr in R
- Created high-quality multivariate visualizations in R
- Implemented machine learning algorithms for classification and regression (Decision Trees, Random Forest, Naive Bayes)

• Data Visualisation

- Collected, cleaned, and interpreted data
- Designed and built effective visualizations for specific domains
- Created visualizations using Tableau and Vega-Lite

• Deep Learning

- Applied DL to AI tasks in computer vision and NLP (image/object recognition, text classification)
- Learned DL fundamentals: NN, CNN, backpropagation, optimization, adversarial robustness, attention mechanisms, transformers
- Explored deep generative AI: VAE, GAN
- Gained hands-on experience in lab sessions with DL techniques

• Front end:

- On-going Udemy courses on web development
- Proficient in HTML for creating and structuring web content
- Skilled in CSS for designing and styling web pages
- Experienced in JavaScript for dynamic and interactive web functionalities
- Familiar with React for building modern web applications