

PHUA LIH JANG

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Entry Level Data Scientist/Data Analyst

Motivated Data Science and Mathematics graduate seeking an entry-level role to utilise academic knowledge in real-world projects. Eager to learn and solve data-driven problems using new technologies.

Education

University of Malaya

Oct 2022 – Jul 2024

Master in Data Science

- Specialising in Machine Learning and Data Analysis
- CGPA: 3.97 (Graduated with Distinction)
- Final Year Project: “Personality Type: Myers-Briggs Type Indicator (MBTI) Prediction Using Machine Learning”

Tunku Abdul Rahman University of Management and Technology

May 2019 – May 2022

Bachelor of Science (Honours) in Management Mathematics with Computing

- Major in Mathematics and minor in Computer Science
- CGPA: 3.95 (Graduated with Distinction)
- Award: Merit Scholarship Holder, President List x 4, Dean List x 2
- Final Year Project: “Analysis of Extreme Rainfall Events in Malaysia”

Experience

Tunku Abdul Rahman University of Management and Technology

Kuala Lumpur, Malaysia

Part-time Tutor

Jan 2023 – Present

- Prepared tutorial classes for Quantitative Studies, teaching multiple groups of 30+ diploma students and helping them understand mathematical concepts
- Maintained and recorded student marks using Microsoft Excel, applying formulas to ensure accuracy and minimise data entry errors.
- Assessed continuous and final assessments with consistent grading, resulting in a 100% pass rate in the continuous assessment for the last semester.

ICA40 Sdn Bhd

Selangor, Malaysia

Data Analyst Intern

Jan 2022 – Mar 2022

- Preprocessed and cleaned raw data using Excel and Python, improving the data quality and accuracy for data analysis.
- Developed a real-time monitoring dashboard for the Statistical Control Process (SCP) system, leveraging InfluxDB and Python to increase monitoring effectiveness.
- Integrated outlier detection into the dashboard using Python, applying colour indicators based on the Six Sigma methods and calculations, and achieved very high accuracy in identifying anomalies from historical data.

Skills

Programming and Databases: Oracle, MySQL, Python, R, C++, Java

Data Analysis: Hypothesis Testing, Predictive Analysis, Regression, Machine Learning, Deep Learning

Data Visualisation Skills: Tableau, PowerBI, Microsoft Excel

Documentation and Presentation: Microsoft Word, Microsoft PowerPoint

Languages

Verbal and Written: English, Mandarin, Malay