

# Lai Jien Weng

Data Scientist | Machine Learning Engineer



[laijienweng@gmail.com](mailto:laijienweng@gmail.com)

(+60)18-345 9710

Cheras, Selangor, MY

[www.linkedin.com/in/jienweng](https://www.linkedin.com/in/jienweng)

## CAREER ASPIRATION

---

Seeking job position as a **Data Scientist**. Eager to bring expertise in **data analytics, machine learning, and statistical analysis** to a dynamic organization.

## KEY SKILLS

---

- Data Analysis
- Data Visualization
- Machine Learning
- Statistical Analysis
- Storytelling
- Database Management
- Data Manipulation
- Effective Communication
- Cross-Collaboration
- Brainstorming
- Problem-Solving
- Critical-Thinking

## EDUCATION

---

Universiti Tunku Abdul Rahman (UTAR), Sungai Long | Oct 2022 - Oct 2025

**Bachelor of Science (Honours) Applied Mathematics with Computing**, Honours Degree with High Merit

- Performed predictive modelling and explanatory data analysis (EDA) using Python, R to predict and filter spam/ham emails.
- Created loan application classification program using machine learning algorithms to automate classification process with 95% accuracy.
- Extract, load, and transform (ETL) big data with Spark SQL to reduce processing time significantly.
- Leveraged strong statistical foundation and unbiased analytical thinking to create compelling data visualizations for effective storytelling.

Universiti Tunku Abdul Rahman (UTAR), Sungai Long | Oct 2021 - Oct 2022

**Foundation in Science**, First-Class Student

- Ability to manipulate and analyze large dataset using spreadsheets with appropriate reporting (charts and dashboard)
- Conducted unbiased surveys employing statistical methodologies to gather and analyze data.

## PROFESSIONAL AFFILIATIONS

---

### IBM Data Science Professional Certificate

IBM

June 2024 - Current

### Anaconda Python for Data Science Professional Certificate

Anaconda Inc.

June 2024

## NLP with Python for Machine Learning Essential Training

National Association of State Boards of Accountancy (NASBA)

May 2024 – June 2024

## Google Data Analytics Professional Certificate

Google

March 2024 - June 2024

## EXTRACURRICULARS

---

### **Chairperson | Feb 2024 - Apr 2024**

*As the group leader and organizer of the webinar "Digital Age Investing: Cryptocurrency Trends & Tactics", my role involved coordinating and guiding a team of professionals to successfully execute the event.*

*My involvement in organizing and leading this webinar showcases my interest and knowledge in the field of cryptocurrency and digital investing, further enhancing my qualifications for roles in finance, technology, or related industries.*

### **Team Leader | Jul 2024 - Current**

*As the team leader of the **2024 Google Workspace Hackathon**, my role involved coordinating and collaborating with team to execute a business solution. We define business problems, design solution and utilize Looker to present pitch deck.*

## SKILLS

---

**Programming languages:** Python, R, Scala, HTML, CSS, JavaScript, SQL

**Computer software/ frameworks:** Microsoft Office, Power BI, Tableau, Looker, Git, Pandas, Scikit-Learn, Numpy, Tidyverse, ggplot2, Tensorflow, Keras, Spark, MySQL, Jupyter Notebook.

**Languages:** English, Chinese, Malay, Cantonese