

# Jason Lee

Data Scientist

📍 Hong Kong    [gmail: goldenworrier1998@gmail.com](mailto:goldenworrier1998@gmail.com)

## SUMMARY

- Built over 200 high-performance parallel processing applications.
- Solved complex architecture and scalability problems.
- Expertise in advanced statistical algorithms, machine learning, big data processing, and forecasting.
- Utilized a variety of programming languages like Python, C++, R, etc.
- Demonstrated proficiency in addressing intricate architecture and scalability challenges.

## PROFESSIONAL EXPERIENCE

Data Scientist

**VCI Global Inc**

📅 02/2022 - 12/2023    📍 Singapore

- ✓ Achieved a consistent 5% monthly revenue growth by leveraging data to deliver actionable insights and strategic recommendations to senior management.
- ✓ Produced statistical reports and visualizations provide key insights for over 20 marketing campaigns and initiatives, including A/B testing, customer retention, brand awareness, and global expansion.
- ✓ Coordinated with management to develop and implement digital marketing strategies, identifying and implementing new strategies to improve campaign performance by 50%, increasing search marketing campaign revenue by 180%.
- ✓ Engineered a book tracking system with SQLite to improve cataloging accuracy, reducing data entry errors by 31%.

Data Scientist

**Treasure Global Inc**

📅 04/2019 - 10/2021    📍 United States

- ✓ Engineered and launched an advanced machine learning model to predict hardware malfunctions, achieving greater than 80% accuracy, increasing equipment uptime by 20%, and increasing operational efficiency by 15%
- ✓ Streamlined operational processes by 20% through the development and implementation of a bespoke real-time reporting system for executive stakeholders.
- ✓ Led a collaborative effort with data engineers and BI analysts to enhance the efficiency of our customer recommendation analytics engine, resulting in a 33% performance boost.
- ✓ Over 1100 tickets were scanned per event to keep the average wait time for guests at the entrance to less than 30 seconds.

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**Universal Logistics Holdings Inc**

📅 01/2018 - 03/2019    📍 Singapore

- ✓ Worked with a team of 10 people to deliver a new customer support system to resolve over 500 customer tickets through the system.
- ✓ Minimized accident rate by 30% by building a fatigue detection model for shipping company crew members.
- ✓ Executed workload assessments and devised new operational processes that led to a 10% increase in productivity.

## EDUCATION

BS: Data Science

[Bielefeld University](#)

📅 10/2013 - 03/2017

## SKILLS

### ❖ Operating systems:

Windows, MacOS, Linux

### ❖ Database/Server:

My SQL, Postgres, SQL server

### ❖ Programming Language:

- Python, scikit-learn, OpenCV, Tableau
- D3.js, H2O.ai, Spark, Hadoop, R
- Programming, Django, Flask,
- Angular.js, HTML, SQL, JavaScript, PHP

### ❖ Other Software/Tools:

- Machine Learning Algorithms
- Deep Learning Models
- Computer Vision
- NLP
- IP Cameras
- AWS Services, Microsoft Azure

### ❖ Language:

- English-Native Level

## ACCOMPLISHMENTS

Empowered the senior data science team, driving a 30% profit margin improvement through the successful launch of five new products and the strategic discontinuation of 20 existing offerings.

## STRENGTHS

Collaboration

Led a 5-member cross-functional team (product, engineering, sales, support) and orchestrated collaboration with six business partners, culminating in the successful launch of an e-commerce platform