

Jason Lee

Data Scientist

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SUMMARY

With five years of diverse experience, I have excelled at building data-intensive applications and solving complex architecture and scalability problems across a variety of industries. With expertise in advanced statistical algorithms, machine learning, big data processing, and forecasting, I have Engineered more than 200 high-performance parallel processing applications using a variety of programming languages, including Python and R.

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, D3.js, H2O.ai, Spark, Hadoop, R Programming, Django, Flask, Angular.js, HTML, SQL, JavaScript, PHP

Other Software/Tools:

Tableau, Deep Learning, Machine Learning, 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