

Mei Ling Wong

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, 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
- Maximized revenue by 5% each month by converting data into actionable insights to provide insightful recommendations to executives.
 - 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%.

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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%
 - Reduced paperwork by 20% by building a global custom real-time reporting system for executive stakeholders and processes.
 - Collaborated closely with a team of data engineers and BI analysts to improve the efficiency of our customer recommendation analytics engine by 33%.
 - 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
- Collaborated with a team of 10 people to deliver a new customer support system. Over 500 customer tickets were resolved through the system.
 - Reduced 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: Computer 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

Supported the senior data science team, resulting in a 30% profit margin improvement by launching five new products and discontinuing 20 existing products.

STRENGTHS

Collaboration

Managed a 5-member cross-functional (product, engineering, sales, support) team and coordinated with six business partners toward the successful launch of an e-commerce platform.