# 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.

#### Data Scientist

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