



Toni Le

DATA ANALYST | DATA SCIENTIST

Saint Paul, Minnesota

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Seeking a Data Analyst or Data Scientist position to utilize 7+ years of managerial experience and analytical skills. Committed to delivering insights that drive business growth and improve operational efficiency with a passion for problem-solving. Highly motivated, professional, and adaptable to new technologies and methodologies

Work Experience

Deputy Manager of Technology - Quality Department

Ho Chi Minh City - Vietnam

HOA SEN GROUP

April 2019 -> March 2022

- Orchestrated quality performance management for ten factories, delivering a notable 5% enhancement in the product quality index during FY 2020-2021.
- Swiftly resolved customer complaints, leading to substantial annual savings of approximately US\$2,000,000 for the company.
- Proactively provided actionable insights and recommendations to the Board of Directors through effective data analysis and Power BI dashboard reports, contributing to improvements in customer service, product quality, and reliability.

Director of Quality Management Department

Ho Chi Minh City - Vietnam

HOA SEN GROUP

October 2015 -> March 2019

- Recognized and rapidly promoted for expertise in managing quality systems and handling customer complaints, employing data analysis techniques.
- Developed and implemented innovative methods and procedures using Power BI, Google Sheets, and Google Data Studio to collect, track, and analyze production data and customer complaint records.
- Utilized advanced statistical analysis and data visualization techniques to identify areas for process optimization, driving improvements in operational efficiency and overall quality management.

Head of Quality Management Department

Ho Chi Minh City - Vietnam

HOA SEN GROUP

July 2015 -> September 2015

- Leveraged data analysis techniques to monitor and analyze production logs and defects data on a weekly and monthly basis, providing valuable findings and insights to the factories for product and quality enhancement.
- Successfully planned, implemented, and advanced quality systems, standards, and specifications across all levels of the organization, utilizing data-driven insights to drive continuous improvement initiatives.

Quality Executive

Ho Chi Minh City - Vietnam

HOA SEN GROUP

August 2014 -> June 2015

- Collaborated with factory Quality Control teams to collect, validate, and report production data to internal stakeholders (e.g., Trade Remedies, Sales, Purchasing, and Supply Chain), providing valuable insights for business requirements.
- Prepared comprehensive product and quality reports using advanced analytical methods, collecting, analyzing, and summarizing data to facilitate data-driven decision-making for the Quality Management Department Director.
- Played a key role in reviewing and updating international standards and specifications, ensuring their effective implementation across the organization.

Project Officer and Research Associate

Singapore

NANYANG TECHNOLOGICAL UNIVERSITY

September 2008 -> February 2013

- Conducted research on multiple exciton generation in Silicon-nanowires and nanocrystals for solar cell applications.
- In-depth researched and developed PEDOT:PSS based supercapacitors with high capacitance.
- Developed the fabrication process of waveguides using Sol-gel and Laser techniques.

Education

Master of Science in Data Science

Minnesota, U.S.A

UNIVERSITY OF ST. THOMAS

2023 -> 2024

Master of Science in Electronics

Singapore

NANYANG TECHNOLOGICAL UNIVERSITY

2008 -> 2010

B.E in Electrical & Electronic Engineering

Singapore

NANYANG TECHNOLOGICAL UNIVERSITY

2004 -> 2008

Skills

Python

PANDAS, NUMPY, MATPLOTLIB, SEABORN

SQL

SQL SERVER, ORACLE SQL DEVELOPER, ORACLE DATA MODELER

R

DPLYR, TIDYR, GGPLOT2

Data Visualization

PIVOT TABLE, POWER BI, TABLEAU, GOOGLE DATA STUDIO

Others

ANALYSIS AND RESEARCH, PROBLEM SOLVING, MANAGEMENT, TEAMWORK AND COLLABORATION, FLEXIBILITY

Honors

Second Upper Class of Honors

B.E IN ELECTRICAL & ELECTRONIC ENGINEERING

Nanyang Technological University

2008

Projects

Football Visualization

St. Paul, MN

PERSONAL PROJECT

2023

- Executed a football data analysis project, leveraging Python as the primary tool for extracting, processing, analyzing, and visualizing diverse datasets, including event data, aggregated team statistics, and market value data, to uncover valuable insights.

A Simple Point-of-Sale (POS) System

University of St. Thomas

SEIS 603 PYTHON PROJECT

2023

- Developed a console-based POS system, covering user authentication, inventory management, sales activities, and report generation.

FIFA World Cup Database

University of St. Thomas

SEIS 630 DATABASE PROJECT

2023

- Developed a comprehensive FIFA World Cup database, encompassing teams, players, matches, and tournament statistics, employing theoretical database management principles and tools such as Oracle SQL Developer, Oracle Data Modeler, and Jupyter Notebook.

Quality Management and Complaint Handling Optimization

Hoa Sen Group, Vietnam

DEPARTMENT PROJECT

2019

- Executed a football data analysis project, leveraging Python as the primary tool for extracting, processing, analyzing, and visualizing diverse datasets, including event data, aggregated team statistics, and market value data, to uncover valuable insights.

Certifications

Google Advanced Data Analytics Professional Certificate

Coursera

ONLINE

2023

- This program prepares individuals for advanced data analytics roles, fostering competence in tasks such as exploring large datasets, applying data analysis techniques, building models, extracting insights, and mastering machine learning, predictive modeling, and statistics.

Google Data Analytics Professional Certificate

Coursera

ONLINE

2022

- This certificate offers individuals the opportunity to gain competency in tools and platforms such as spreadsheets, SQL, Tableau, and R, enabling them to effectively prepare, process, analyze, and share data for actionable insights.

IBM Data Analyst Professional Certificate

Coursera

ONLINE

2022

- This certificate equips learners with the necessary knowledge and practical skills in data analysis, including data manipulation, visualization, and reporting using tools like Excel, SQL, Python, Jupyter Notebooks, and Cognos Analytics.