

CHEN JUN MING

Data Scientist

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📍 Singapore

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🐙 github.com/junmingg

🌐 junmingg.github.io/portfolio/

EDUCATION

Master of Science

Computer Science

Georgia Institute of Technology

📅 2022 - current

🎓 GPA: 4/4

Bachelor of Science

Economics

(Data Science and Analytics)

Singapore Management University

📅 2018 - 2022

🎓 GPA: 3.51/4

SKILLS

- Data Wrangling (NumPy, Pandas)
- Data Visualization (matplotlib, seaborn)
- Machine Learning (Scikit-learn)
- Model Building (TensorFlow, PyTorch)
- Database Querying (Elasticsearch, SQL)
- Development (Streamlit, Flask)
- Data Engineering (Hadoop, Spark, AWS, GCP)

CERTIFICATIONS

- Deep Learning Specialization (DeepLearning.AI)
- Gen Infiniti WILEY Data Analyst Course
- Hackwagon Data Science 101

LEADERSHIP

- SMU Judo - Vice-President (2020)
- SMU Judo - Safety & Operations Director (2019)

CAREER OBJECTIVE

Highly motivated Data Scientist seeking to leverage expertise in machine learning, statistical analysis, and big data technologies to drive insightful data-driven decision making and uncovering actionable insights. Adept at deploying advanced data modeling, predictive analytics, and AI solutions to solve complex business challenges.

WORK EXPERIENCE

Data Scientist

Ai Palette

📅 April 2022 - current

📍 Singapore

- Leveraged generative AI to introduce state-of-the-art image generation into a proof-of-concept solution
- Enhanced an existing production database by integrating advanced vector search capabilities, significantly improving query efficiency and precision.
- Coordinated the deployment of containerized ML models on GCP, ensuring the delivery of scalable APIs
- Developed an ML model using social media data, accurately predicting user demographics
- Innovated in-house web applications, streamlining and transforming workflows for increased efficiency

Data Science Intern

Ai Palette

📅 Dec 2021 - April 2022

📍 Singapore

- Demonstrated expertise in tailoring custom analytics to precisely meet and exceed client specifications
- Strategically minimized noise in unstructured text data using adept regex techniques, curtailing false positives
- Championed a sunburst chart visualization adopted by multiple clients.
- Enriched automation processes through Python scripts for logic validation and sophisticated data wrangling

Data Analytics Intern

Singapore Tourism Board

📅 Jun 2020 - Aug 2020

📍 Singapore

- Implemented data and predictive analytics models to be included in their annual report for Travel Agents
- Developed dashboards to help visualize Travel Agent data
- Designed framework for analytics capabilities and competencies for existing systems
- Authored Standard Operating Procedures for data handling, wrangling, and executing predictive analytics within the department

PROJECTS

Google AI Trailblazer

Trailblazers Transformation Award

- Contributed in building a web-application that leverages Retrieval-Augmented Generation, Large Language Models and Latent Diffusion Models for a end-to-end solution in the Product Innovation cycle for FMCG companies
- Conducted demo presentations for representatives from Google, Economic Development Board, and Ministry of Communications and Information