

Contact

www.linkedin.com/in/asherchew-zy
(LinkedIn)

Top Skills

FastAPI
Natural Language Processing (NLP)
Artificial Intelligence (AI)

Certifications

PRINCE2® Certification in Project Management
Computational thinking
Apache Spark Essential Training
SQL Server Integration Services (SSIS)
Tableau Analyst

Honors-Awards

Honorable Mention APA2018
Nanyang President Research Scholar (Distinction)
Dr Peter Lee Orthopaedic Scholarship
Module prize in Sports Physiology
Merit award 2010

Asher Chew

Chartered AI Engineer | Large Language Model (LLM & NLP) | AI/ML
Singapore, Singapore

Summary

Working experience developing and building end-to-end machine learning solutions, collaborating with multi-national stakeholders and teams as a Data Scientist & an AI Engineer.

Experience

MSD

AI Engineer

May 2024 - Present (8 months)

End-to-end AI Engineer, driving AI innovation through collaboration with global, cross-functional teams.

AI Singapore

AI Apprentice

August 2023 - August 2024 (1 year 1 month)

Singapore

Building Retrieval Augmented Generation (RAG) with knowledge graph and vector database, using Large Language Models (LLMs) with end to end pipeline for deployment within AWS, Linux, Kedro, Docker, FastAPI.

Deep learning | LLM | NLP | CV | Time series | Machine Learning | MLops |
Deployment | Pipeline Orchestration

PropNex Realty Pte Ltd

Real Estate Consultant

November 2021 - July 2023 (1 year 9 months)

Analyse trends, price forecasting, study of demand and supply to inform investment decision. Evidence base approach to real estate research. Broker negotiations and management of timeline with multiple stakeholders

Dun & Bradstreet

Data Scientist (Machine Learning & Analytics)

June 2020 - November 2021 (1 year 6 months)

Team lead. Gathered requirements, managed, and developed machine learning models for credit risk management.

Ministry of Social and Family Development, Singapore (MSF)

Statistics and Research Intern

May 2017 - July 2017 (3 months)

Singapore

Assist in research and administration of psychological assessments for PWDs.
Run statistical analysis on the longitudinal results of programs. Findings presented to the Office of the Chief Psychologist.

Education

Nanyang Technological University

B.A. in Psychology with Honors (Highest Distinction) · (2015 - 2019)

Peking University

Exchange · (2018 - 2018)

University of Hertfordshire

Exchange · (2017 - 2017)