Amos Loh

amosloh1911@gmail.com • +65 9858 2700 • amosloh.com

Education

SINGAPORE POLYTECHNIC   April 2020 – May 2023
Diploma in Applied AI and Analytics. GPA 3.53
CCA Gold with Honors.

Experience

ORACLE CORPORATION SINGAPORE   September 2022 – February 2023
Cloud Engineering Intern
- Supported customer engagements with clients like AGD and DBS, where clients got to experience the F1 simulator and understand how it is powered by the Oracle Cloud
- Assisted in projects where needed, using technical knowledge to craft a cloud-native workload for customers
- Constructed overviews for Sail Grand Prix and Premier League, showcasing how Oracle's various cloud technologies can allow athletes to make real-time, data-driven decisions to win races
- Earned several cloud certifications, in domains like Oracle Machine Learning and its Autonomous Database

INTEGRAL SOLUTIONS (ASIA) PTE LTD   April 2022 – August 2022
Final Year Project
- Loaded historical data and reworked database structure according to client's requirements
- Constructed an ensemble learning model, consisting of an LSTM and various Regressors for dynamic price prediction, complete with scheduled auto-retraining
- Built a responsive Flask website for business owners to monitor and accelerate sales, and for customers to receive tailor-made quotations based on buyer behavior and item segmentation

AV INTELLIGENCE PTE LTD   October 2021 – March 2022
INC Pathway Project
- Developed an AI-enabled query system capable of semantic search using Haystack, an open-source framework that leverages Transformer models to build powerful production-ready pipelines
- Conceptualized a human-in-the-loop feedback system, where unreliable responses can be flagged for review
- Designed a Streamlit website to allow company policies to be uploaded, where answers to employees' enquiries will be extracted, summarized, and ranked before it is returned

Leadership

SINGAPORE POLYTECHNIC DARTS CLUB   April 2021 – March 2022
Vice President
- Facilitated day-to-day operations by overhauling and streamlining previous processes
- Attained Excellence Award within second year of inception, in recognition for outstanding achievements and growth

SINGAPORE POLYTECHNIC ULTIMATE (FRISBEE)   April 2021 – March 2022
Physical Training Instructor
- Developed and spearheaded strength and conditioning regime for members when physical sessions were unable to be held
- Coordinated training sessions with executive committee for 60 members

Skills & Interests

Technical: Machine Learning, Cloud Computing, Oracle/SQL Server, Agile & DevOps
Interests: Ultimate Frisbee, Pool, and Japanese animations

Certifications

Google Data Analytics, NVIDIA Fundamentals of Deep Learning, Azure AI Fundamentals, Oracle Data Science