# CLEMENT HARSOYO

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## WORK EXPERIENCE

**Associate Product Manager (Search and Data)**                    Aug 2023 - present
Splore - AI Startup backed by Temasek and Menyala                    *Singapore*

- Launched AI-powered search platform for enterprise clients. Showcased strong product skills by translating business requirements into feasible product features, building testing pipeline, and managing integration process.
- Collaborated closely with AI engineers to develop an efficient data ingestion pipeline and fine-tune retrieval algorithm. Enhanced model performance to achieve 95% search result relevance with 90% click through rate.
- Managed end-to-end product development process by proactively communicating with business and engineering teams to align product roadmap and prioritise requirements, resulting in accelerated product delivery by 25%.

**Product Management Intern**                    Jan 2022 - Jun 2022
Shopee - Marketplace Intelligence Team                    *Singapore*

- Initiated category recommendation service iteration to enhance model precision to 95% by introducing multi-modal elements. Collaborated with Product Lead to launch the feature which improved user adoption to 80%.
- Designed and deployed performance monitoring dashboard which are utilized by local business teams in 5 countries, improving business operations efficiency to derive and analyze key insights for product improvement.

**Regional Data Analyst Intern**                    May 2021 - Nov 2021
Ninja Van - Operations Team                    *Singapore*

- Analyzed parcel delivery data to discover trends and operational insights. Collaborated with local teams to formulate and execute data-driven solution to improve delivery operations in 5 regions of Southeast Asia.
- Implemented automation with Python to clean, calculate, and visualise operational data on business dashboard, reducing data processing effort from 3 man-days to under 1 hour, thereby enabling quicker decision-making.

## EDUCATION

**NUS School of Computing**, Bachelor of Science in Business Analytics                    Aug 2019 - Jun 2023
**GPA: 4.5/5 (Distinction). Specialisation**: Machine Learning and Financial Analytics
**Relevant Coursework:** Machine Learning, Software Development, Search Engine, Web Data Mining
**Relevant Experience:** Programming Methodology Teaching Assistant
**Awards:** Distinction in Technical Analysis, Top Student in Search Engine Analytics, Student Tutor Honor's List

## SKILLS

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|---|---|
| **Artificial Intelligence** | Generative AI, Agentic System (LangChain), LLM-based Search |
| **Machine Learning** | Deep Learning, Computer Vision, Natural Language Processing |
| **Big Data Analytics and Engineering** | Python, Spark, R, SQL, AWS Glue |
| **Project Management** | Agile Methodology, Git, Jira, Confluence |
| **Soft Skills** | Creativity, Innovation, Teamwork, Stakeholder Management |

## PROJECTS

**University Application AI Assistant (Personal - Beta).** Developed an RAG-based AI assistant for information retrieval and recommendation in university application. Utilized Langchain as backend and Streamlit as frontend.

**Natural Language for ESG Investing (NatWest Market).** Analyzed ESG investment data (text, charts) and developed machine learning solution to automate information extraction and build investor information dashboard.

## VOLUNTEERING

**Academic Contributor (QnA Group).** Launched online education system through social media, providing free education resources and collaborative space utilized by more than 10000 students across Indonesia.