

Kriston Jomari

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EDUCATION

NANYANG POLYTECHNIC

Singapore
2024 – Present

Diploma in Applied AI and Analytics

- Awarded NYP Scholarship (PFP-to-Diploma).
- Turto's Project (Capstone Service Project): Successfully distributed \$500 worth of CNY cookies to approximately 100 elderly individuals in collaboration with Cheng San Senior Resident Center.
- Accolades: Finalist (Ongoing) - Dell InnovateFest 2025, 3rd Place - Sentinel Summex CTF, 2nd Place - NYP InfoSec June CTF 2025 (Ranked 1st for Year 2 Students), 7th Open - Lag & Crash 5.0, Top 10 - DSTA Brainhack: SeeTrue 2024

NANYANG POLYTECHNIC

Singapore
2023 – 2024

Polytechnic Foundation Programme - 3.66/4 GPA

- Projects: Static Website, Scratch 2D Platformer, Excel Dashboard (Data Analytics)
- Accolades: Top 6 (Tied) - National AI Student Challenge 2024: AWS, 1st Place - PFP Augmented Reality Competition, 2nd Place - CADC Policy Forum

PRESBYTERIAN HIGH SCHOOL

Singapore
2019 – 2022

N(A) Level - Elective Geography, Principles of Accounts, Combined Science (Phy, Chem)

- Topped N(A) cohort with a score of Raw 5, Nett 3.
- Multiple Book Prize and Edusave awards amounting to \$1000+.

ADDITIONAL COURSES

Singapore
2023 – Present

Programmes and Certifications

- DIS Sentinel Programme – Projects: Network Forensics Report, Intrusion Detection System
- Alibaba Cloud Certified Associate: Cloud Engineer, Google Cloud: GenAI Fundamentals
- AI Singapore: AI Project Lifecycle, Literacy in AI, KNIME: L1 Basic Proficiency

CLUBS & SOCIETIES

NYP Google Developer Student Club

Singapore
2024 – Present

Comms & Outreach Lead

- Planned and led workshops and tutoring sessions engaging over 200 students across various levels of experience, including Build with AI (Gemini API), Google Maps API, Jetpack Compose, Flutter, and core programming topics.

NYP AI (AI Student-Interest Group)

Singapore
2024 – Present

Head of Publicity

- Leading a 5-member team for social media outreach.
- Spearheaded campaigns leading to +48.9% Instagram impression growth.

TECHNICAL SKILLS

- Programming & Data: Python, SQL, Power BI, Tableau, KNIME, SAS Viya, BeautifulSoup, Selenium, Pandas
- Other: Linux, UX Design, Git, Flask, Alibaba Cloud, AWS, Excel, ParseHub, Scapy, Oracle APEX

PROJECTS

Visual Analytics Project

Final Grade: A
Power BI, Excel

Project Lead

- Led a team of 4 to study how people in Singapore choose between local and imported food, and managed the project tasks.
- Designed a Power BI dashboard using transformed Excel datasets to visualize consumer behavior and sustainability trends.
- Identified challenges to local food adoption and recommended data-driven strategies to promote sustainable food choices.

Beyond The Arc

[Project Link](#)

Personal Project

Pandas, Streamlit, XGBoost

- Analyzed Stephen Curry's shot data to explore location-based trends and shooting accuracy over multiple NBA seasons.
- Engineered game context and spatial features to build a shot prediction model using XGBoost with 53% accuracy.
- Visualized "hot zones" on a half-court shot chart and deployed an interactive app for exploratory insights.

DoseDash

[Video Presentation](#)

Hackathon Project for DreamHack '25

Flask, SQLAlchemy, Redis, Twilio

- Built a medication tracking app in 48 hours with swipe-to-log dose actions and automated SMS reminders for caregivers.
- Built role-based dashboards with Flask and Redis to manage medication logs and improve care coordination.
- Integrated Gemini API to process user data and generate caregiver-friendly summaries of medication activity.