Matthew Ico

816 Jellicoe Road #14-04 Singapore 200816 │ +65 96783530

matthewjoshico@gmail.com │ matthewicosdigitalportfolio.com

Professional Summary

High-achieving AI & Analytics student with a 3.36 GPA and foundational expertise in data platforms and programming. Certified in Python (PCEP) and Snowflake (SnowPro Associate), demonstrating a strong technical aptitude for data management. Proven ability to collaborate in team settings through extensive community service and leadership in student-led initiatives.

Education

Nanyang Polytechnic   Apr 2025 - Apr 2028 (Expected)
Course: Diploma in AI & Analytics
GPA: 3.36

Montfort Secondary School   Jan 2021 - Oct 2024
General Certificate of Education (Ordinary Level)
Key Grades: Mathematics (A2), Additional Mathematics (A2), Computing (A2)

Certifications

PCEP - Certified Entry-Level Python Programmer   Issued: Sep 2025

SnowPro Associate: Platform Certification   Issued: Oct 2025 │ Expires: Oct 2027

Relevant Projects

BridgeGen   Oct 2025 - Feb 2026
- Collaborated with a 4-man team to develop a platform addressing social isolation among Singaporean elderly. I engineered the "social heart" of the site using Python Flask and MySQL, creating a Forum system with full CRUD functionality and a real-time search engine. To ensure inclusivity, I designed a dual-interface UI, utilizing high-contrast elements and accessibility-focused navigation for seniors, resulting in a seamless intergenerational user experience.

Volunteering

THK Nursing Home Project   2024

- Collaborated with a class-initiated team to support over 50 elderly residents through meal preparation and social engagement. I personally designed and led a high-engagement "Bingo" session, which increased resident participation by 20% compared to previous sessions and significantly improved morale as noted by facility staff.

Saint Gabriel's Foundation (SGF) Flag Day   2023

- Participated in a large-scale fundraising initiative to support foundation beneficiaries through public donations. By effectively communicating the foundation's mission to diverse groups of people, I personally raised approximately $75 in a single session, contributing to a successful collection drive that met the foundation's outreach goals.

Punggol Park Clean-Up   2023

- Led a class-initiated environmental project focused on litter removal and ecosystem preservation at Punggol Park. I organized the clean-up routes for my team, resulting in the successful collection of approximately 10kg of litter, which directly contributed to a cleaner recreational space and promoted environmental responsibility within the student body.

Annual Chinese New Year Heart Hamper Project   2021 - 2023

- Coordinated with classmates to collect and organize daily necessities for low-income households during the festive season. I managed the logistics of hamper distribution to residents in need, ensuring 100% of collected items reached the intended beneficiaries and providing essential support to over 20 families in the local community.

Technical Skills

Languages: Python (Flask), SQL, JavaScript, HTML, CSS

Tools/Data: Snowflake, MySQL, Data Visualization, GitHub

Soft Skills: Full-stack Project Management, Accessibility Design (UI/UX)