JEROME GOH YUE EN

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https://jeromeg89.github.io/jerome-portfolio/

EDUCATION

National University of Singapore   **Aug 2024 - 2028**

Bachelor of Computing in Computer Science
- Current student in National University of Singapore majoring in Computer Science
- Member of the Quantitative finance department in NUS Fintech Society

WORK EXPERIENCE

Defence Science and Technology Agency, Intern   **Mar 2024 - Jul 2024**
- Leveraged machine learning and artificial intelligence to optimise resource allocation and improve decision-making processes.
- Developed a user-friendly interface for customizable insights, enhancing usability and accessibility for stakeholders.
- Conducted data-driven analysis of system and sensor performance to identify opportunities for optimization.
- Implemented machine learning models to extract actionable insights from complex facility data.
- Delivered comprehensive reports and presentations, communicating key findings and recommendations to management.

Singapore Symphony Orchestra, Database Developer   **Jan 2024 - Mar 2024**
- Engineered the creation of innovative database solutions and execution of data analysis initiatives to drive organisational growth.
- Led the design and implementation of streamlined systems and work processes, reducing manual workload by 30%
- Implemented data analysis techniques to extract actionable insights, contributing to informed decision-making processes

Singapore Police Force, National Service Inspector

Special Operations Command, Course Manager   **Dec 2022 - Dec 2023**
- Pioneered the development of a user-friendly application for input and collation of fitness test data, resulting in a 40% reduction in processing time and improved data accuracy.

PROJECTS

DSTA BrainHack 2024   **May 2024 - Jun 2024**
- Finalist among top teams in a highly competitive national tech challenge organised by the Defence Science and Technology Agency (DSTA).
- Spearheaded the development of an extended reality (XR) mobile application, guiding the team through concept ideation, design, and implementation.
- Leveraged Unity and C# to create cutting-edge, immersive user experiences, demonstrating a high level of technical proficiency and innovation.

ForexPerience 2023   **Nov 2023**
- Utilised Python sci-kit learn library to create a supervised learning model
- Secured 16th prize in the PhillipNova X SIM ForexPerience 2023 trading competition with a return on investment of 12.38% over the course of a month.
- Applied machine learning algorithms for prediction of stock prices in financial contexts.

CERTIFICATES & TECHNICAL SKILLS

- AI4I® Foundations in AI, AI Singapore & AI4I® Literacy in AI, AI Singapore, May 2023
- Python, JavaScript, HTML