

# JEROME GOH YUE EN

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



## EDUCATION

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### National University of Singapore

Aug 2024 - 2028

Bachelor of Computing in Computer Science

- Current student in National University of Singapore majoring in Computer Science
- Quant Developer in the Quantitative finance department in NUS Fintech Society
- CAP 4.5/5.0

## WORK EXPERIENCE

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### Singapore Symphony Orchestra, Database Developer

Aug 2024 - Jan 2025

- 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

### 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 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

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### ForexPerience 2023

Nov 2023 - Current

- 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.
- Deployed a full stack web app with a FastAPI and React at <https://cvwo-jerome.onrender.com/>

### 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.
- Leveraged Unity and C# to create cutting-edge, immersive user experiences.

## CERTIFICATES & TECHNICAL SKILLS

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