

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE (NUS) <i>Bachelor of Business Administration, Honours (Distinction)</i> <ul style="list-style-type: none">GPA: 4.20/5.00Specialization in Business Analytics Second Major in Data Science and Analytics	Aug 2021 - Present
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WORK EXPERIENCE

NEUROMESH FOUNDATION, LONDON <i>Software Engineer Intern</i> <ul style="list-style-type: none">Code frontend for more than three Labs pages, such as Text2Image, Image2Image, AI Agent under Next.js with UI-backend integration and REST API invocation (see nmesh.io).Collaborate with CTO on product and UI design for Distributed Inference API system.Develop official Twitter Bot and intuitive frontend dashboard for bot status monitoring as end-to-end marketing tool with sentimental analysis and AB testing for response effectiveness evaluation, leveraging Twitter Dev API, Flask and Next.js, integrating OpenAI API to auto-generate humanized relevant responses (supports up to 1500 responses/day).	Mar 2024 - Present
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MODULAR ASSET MANAGEMENT, SINGAPORE (\$2.3BN AUM) <i>Operations Intern</i> <ul style="list-style-type: none">Streamlined operational workflow for day-to-day trade booking with full-stack web dashboard to display centralized birds-eye tabulated view of disputed trade info from disparate FXPB and MTM platforms, supporting sub-10 seconds pseudo real-time updates of data, and searching, filtering, sorting, column drag&drop, conditional highlighting.	May 2024 - Jun 2024
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PFK-CAP LLP <i>Audit Intern</i> <ul style="list-style-type: none">Directed implementation of 'Potato Audit', an automated software using Flask as backend, Selenium for streamlining repetitive tasks, and React for developing a user-friendly front-end interface accessible by non-technical audit staff.Reduced financial announcements and statutory audit processing time from days to sub-10 minutes and semi-automated invoice data extraction of similar formats from manual reviews with 98% accuracy, handling ~28 invoices/min.Engineered a new systematic staff booking system to minimize booking errors and enhance resource management efficiency - alerted management about excessive staff booking costs over \$2mm for a job with prelim script scanning old system built with Excel.	Jan 2024 - May 2024
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JASPER VAULT TECHNOLOGY PTE LTD, SINGAPORE (WEB3 STARTUP LED BY FORMER JPM PM) <i>Business Analyst Intern</i> <ul style="list-style-type: none">Developed and optimized dashboards analyzing Ethereum (ETH) Staking, Smart Money holdings and crypto market trends using Dune and Nansen SQL; presented in weekly investment meeting for fund management (+9.8% return since May).Streamlined data retrieval and analysis workflows by integrating various API providers such as Etherscan, CoinMarketCap, Deribit, Mboum Finance using Python/Power Query - example data usage in VIX Risk-Parity strategies (+11.39% 2M return).Researched and backtested AI-powered algorithmic trading with optimized parameters on TradingView (+93.14% net profit on 30m timeframe for BTC/USDT).	May 2023 - Oct 2023
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PERSONAL PROJECTS

SINGAPORE INTERNSHIP LISTING COMPILATION <i>Leader</i> <ul style="list-style-type: none">Leveraged Selenium to gather around 550+ internship positions from around 30+ companies, and hosted listings on GitHub Pages with weekly updates (see eaziym.github.io/sg-internship-listing).Accumulated more than 13,000 views, 569 likes, 133 comments, 469 favourites on social media Xiaohongshu.Organizing and maintaining a group of more than 300 students and fresh grads, facilitating career info exchange.	Apr 2024 - Present
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UNDERSTANDING OVERFITTING VIA PORTFOLIO OPTIMISATION <i>Leader</i> <ul style="list-style-type: none">Leveraged 'Data + Loss + Structure + Constraints' framework to address challenges of multicollinearity and overfitting, employing techniques such as Lasso for feature selection, PCA for dimensionality reduction, feature engineering, and adaptive window sizing to capture optimal market dynamics, gave a 94.81% performance improvement over the Equally-Weighted benchmark portfolio.	Sep 2023 - Oct 2023
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CO-CURRICULAR ACTIVITIES

COMLINK BEFRIENDERS <i>Volunteer</i> <ul style="list-style-type: none">Engaged with local families for monthly visits and activities.	Oct 2023 - Aug 2024
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SKILLS AND INTERESTS

Frameworks and Languages	React, Next.js, TypeScript, JavaScript, Selenium, Flask, Tesseract OCR, Python, Java, C, R, SQL, Solidity, VBA Macro, Power/Big Query, Pinescript, Gurobi, Ollama, Petals
Platforms	GitHub, Vercel, Power BI, Dune Analytics, Nansen, Caseware Working Paper, TradingView, Enfusion, JPM Markets, Barx Live, MarkitServ Trade Manager