

# Mary Pauline Singzon

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## EDUCATION

<b>The University of Hong Kong (HKU)</b> Bachelor of Engineering in Industrial Engineering and Logistics Management	Hong Kong Sep 2022 - Jun 2026
• <b>Relevant Coursework:</b> Project Management, Data Science, Engineering Training, Supply Chain Management, Engineering Economics and Finance, Financial Accounting, Operations Research	
<b>EMPOWER by the Amber Foundation</b> Leadership and Career Development Program Participant	Hong Kong Sep 2025 - Jun 2026
<b>University of Strathclyde</b> Student Exchange under the Faculty of Design, Manufacturing, and Engineering Management	United Kingdom Jan 2025 - Jun 2025

## WORK EXPERIENCE

<b>Social Impact Investment Foundation, Hong Kong</b>   <i>Software Engineer Intern</i>	July 2025 - Aug 2025
• Implemented multithreaded concurrency-safe dialogue handling in an AI conversation platform, ensuring consistent conversation context during user interruptions.	
• Evaluated and integrated machine learning models for speech recognition, language understanding, and synthesis, and documented reproducible workflows to support reliable deployment and team collaboration.	
<b>eBRAM International Online Dispute Resolution Centre, Hong Kong</b>   <i>Software Engineer Intern</i>	July 2024 - Aug 2024
• Collaborated in an agile team to improve a video conferencing system with microsoft Azure AI transcription functionalities. using React and Next.js	
• Led front-end development for online staff business card using React and Next.js	
• Prepared testing report, user guide, and system documentation.	
<b>Speech, Language, and Reading (SLR) Lab, Hong Kong</b>   <i>Front-end Developer</i>	Jan 2024 - Apr 2024
• Acquired Vue.js on the fly, effectively building on features to enhance their educational web-based project.	
• Assisted in other duties such as creating visuals and conducting research in language development.	

## RELEVANT PROJECTS

<b>Economic and Financial Analysis of FIFA World Cup 2022</b>   <i>Group Project</i>	
• Conducted a comprehensive economic and stakeholder analysis of FIFA World Cup 2022, including cost-benefit and net present value assessment over a 20-year horizon.	
• Evaluated infrastructure, sustainability, and logistical challenges (stadiums, transport, pandemic response) and assessed social impacts such as human rights and environmental concerns.	
• Performed data-driven financial modeling and sensitivity analysis (MARR, cash-flow estimation, revenue projections) and produced policy-focused recommendations and limitations.	
<b>Investment Portfolio Analysis</b>   <i>Group Project</i>	
• Developed and implemented a “moving ratios” asset-allocation strategy in Python to manage a \$1M portfolio across 30 industry portfolios, producing a 252% cumulative return over a 10-year test period.	
• Conducted data-driven financial modeling, backtesting, and sensitivity assessment, and documented methodology, code, and limitations for reproducibility and comparison with market indices.	
<b>Engineering Training</b>   <i>Group Project</i>	
• Created an Autonomous Guided Vehicle robot with Arduino, 3D printed materials and laser cut materials for industrial and logistics applications.	
• Practical application on manufacturing processes, product design, and system development.	

## SKILLS

<b>Technical</b> PowerBI, Tableau, Excel, SolidWorks, PowerPoint, Word, Teams, Blender, Video Editing
<b>Programming</b> VBA, SQL, R, Python, C/C++, HTML, CSS, JavaScript, Git
<b>Core</b> Problem Solving, Creativity, Teamwork, Project Management, Organisation, Attention to Detail, Critical Thinking

## AWARDS

<b>Top 3</b> in Strathclyde Inspire Exploring Entrepreneurship Challenge	Feb 2025 - April 2025
Pitched an educational business idea with focus on UN SDG showcasing innovation and strong presentation	
<b>Lee Shau Kee Scholarships for Student Enrichment</b>	Jan 2025
Awarded a HKD 12,000 merit-based scholarship to support international academic exchange.	
<b>Honourable Mention</b> in CILTHK Case Competition	Mar 2024
Analysed and presented customer experience and financial impact of aircraft seat planning	

## ACTIVITIES

<b>Chi Sun Art Club</b>   <i>Head</i>	Sep 2023 - Dec 2024
Organized and executed bi-weekly art sessions teaching crafts and painting for students of all skill levels	
<b>TEDxHKU Conference</b>   <i>Operations Team Member</i>	Sep 2023 - Feb 2024
Managed ticketing sales in collaboration with ZTicket and event promotion to drive in attendees	

## OTHER INFORMATION

<b>Languages</b> English (Native), Filipino (Native), Mandarin (Beginner), Cantonese (Beginner)
<b>Work Authorization</b> Hong Kong (Permanent Resident), Philippines (Citizen)