WONG CHEUK WAH JANE

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EDUCATION

National University of Singapore   **Aug 23 - Present**
Master of Science in Business Analytics

The Hong Kong University of Science and Technology   **Sep 19 - May 23**
BBA in Information Systems and Economics, Minor in Big Data Technology
- Graduated with Second Class Honors, Division I (3.324/4.3)
- Achievement: Dean's List Award (Spring 2021)
- Activities: SBM Peer Mentoring Program (Peer Mentor), Humans of HKUST (Chinese Translator)

WORK EXPERIENCE

Student Researcher   **Aug 23 - Present**
National University of Singapore, Sustainable & Green Finance Institute
- Conduct deep research into national and corporate commitments to net-zero under the guidance of Dr. David Broadstock
- Establish data preprocessing pipeline and perform data cleaning and feature extraction for more than 20,000 data points using Pandas and NumPy in Python and construct the database with SQLite
- Analyze, visualize, and interpret the descriptive and statistical summaries of the patterns in the structured panel dataset with Plotly in Python to evaluate the impacts of differentiated levels of decarbonization commitments
- Assist in literature reviews and synthesize findings to develop quantitative measures of sustainability

Advisory - Deals Practice Intern   **May 22 - Aug 22**
PricewaterhouseCoopers Hong Kong
- Executed detailed-oriented customer due diligence research by transcribing over 3000 records of data from source documents into client's database with 99% accuracy
- Analysed and interpreted gathered data from various individual and organizational evidence to prospect for business opportunities for clients
- Conveyed findings and proposed data-driven suggestions to 2 senior managers
- Automated repetitive tasks with VBA - MS Excel Macros to streamline client vetting process for greater efficiency

LEADERSHIP ENRICHMENT

Finalist in CBSA-Wisers Analytics Challenge@HKUST 2022/23   **Jan 23**
HKUST Business School, Centre for Business & Social Analysis
- Cooperated with a team of 4 to resolve Hong Kong's sustainable and green finance challenges with big data research in a data analytics competition
- Examined texts of near 1 million news articles and social media posts/comments by performing Natural Language Processing to mitigate climate risks and promote sustainability
- Conducted stock segmentation with K-means clustering to provide valuable insights for investors in consideration of profit margin, volatility, and ESG risk scores
- Analysed 2-year prices of Hang Seng Index with ARIMA method and identified associated keywords using Latent Dirichlet Allocation

1st RunnerUp in JP Morgan Business Administration Paper 2020   **Feb 21**
Hong Kong Federation of Business Students
- Led a team of 4 to attend an international case competition to innovate a care bot, "BONNIE" to ameliorate eldercare issues in Hong Kong
- Proposed recommendations to overcome learning and physical challenges of older adults by harnessing 3 Artificial Intelligence tools, namely emotion recognition, chat bot and virtual assistant
- Conducted first-handed market research with a sample size of 105 to assess scalability and facilitate market entry of care bots in Hong Kong
- Shaped a long-term strategic plan to enter new market and ensure continuous profitability

LANGUAGES AND SKILLS
- Languages: English (Professional), Mandarin (Professional), Cantonese (Native)
- Technical Skills: Python, SQL, Excel VBA, C++