ANG SU YIIN
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EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY   **Aug 2020 - Dec 2021**
Master of IT in Business (Analytics Track)

UNIVERSITY OF NEW SOUTH WALES (UNSW) – Sydney   **Mar 2010 - Dec 2012**
Bachelor of Commerce (Major: Accounting and Finance)

EXPERIENCE

PricewaterhouseCoopers Advisory Services Pte Ltd – Singapore   **Aug 2016 – Dec 2019**
Manager - Financial due diligence, Deals Advisory
- Project Management: Coordinated and led team for financial due diligence workstream.
- Data Analysis and Performance Insight: Analysed key drivers of the business through in-depth consultations with management and by using financial and operational data (KPIs) to formulate commercial insights.
- Review and Report: Created and designed due diligence reports of specific key issues to client – level of sustainable earnings, highlighting revenue and cost drivers, achievability of budget, net debt, cash flow and net working capital.
- M&A operations: Seconded for 3 months for post deal integration work, with the aim of improving reporting package for better decision making and monitoring. This involved interviewing 1st (C-suite) and 2nd tier management to evaluate, redesign structure and content of existing management reporting pack.
- Notable deals:
  - FMCG – CVC Capital's acquisition of Munchy Food Industries, a Malaysian snack producer, for ~S$350mil.
  - Healthcare – CVC Capital's proposed investment into Metro Pacific Investment Corporation, operator of 14 hospitals in Philippines; EQT's acquisition of MHC Asia, a healthcare benefit administrator based in Singapore.

PricewaterhouseCoopers LLP – Singapore   **Sep 2013 – Jul 2016**
Senior Associate – General Assurance
- Team Leadership: Main contact point between client, subordinates and project manager.
- Objective testing and critical analysis: Employed analytical procedures/analysis to detect unusual financial transactions.
- Reporting: Prepare deliverables such as management letter, audit findings report, Audit Committee slides.

ACADEMIC PROJECTS

Project works are available at https://suyiinang.netlify.app/posts/

DataViz Makeover   **Ongoing**
- Critiqued, suggested improvements, and reworked the assigned visualization to tell the story more effectively.
- Designed and built improved visualization using Tableau.
- Created website with Blogdown in R to showcase visualization and findings.

Understanding the Stars: Augmenting Numerical Data with Textual Analysis to Identify Key Determinants of Airbnb Review Scores   **Nov 2020**
- Analyzed review scores of Airbnb by using textual data from reviews provided by Airbnb guests and descriptions of listings by Airbnb hosts to augment existing analyses of structured variables associated with Airbnb listings with SAS JMP Text Explorer.
- Designed a regression tree model to understand key influencing factors of Airbnb review scores with SAS Enterprise Miner.
- Suggested several insights and recommendations specific to the Airbnb sharing-economy of Singapore.

Post-COVID Recovery for SIA: Optimizing Passenger-Cargo Fleet Allocation   **Nov 2020**
- Used Microsoft Excel to model the allocation of SIA's fleet according to the post Covid-19 aviation industry environment - with aim to optimize allocation to passenger and cargo operations, storage, or sale to maximize profits.
- Performed sensitivity analysis of vaccine availability date on profit and trade off analysis of aircraft allocation on total profit.
- In the process of being converted into a research paper that will be presented at the 2021 IEOM Singapore Conference in March 2021.

The Math of Happiness: An analysis of factors that influence happiness   **Nov 2020**
- Used R and data from the World Happiness Report, OECD and WHO, to explore the correlation of esoteric factors with societal happiness using statistical analysis.
- Built a multiple regression model to predict happiness based on selected variables.
- Designed and built an interactive R Shiny application to visualize findings.

Predicting H1N1 Vaccination   **Nov 2020**
- Built several logistic regression and decision tree models to predict how likely individuals are to receive their H1N1 vaccination based on a flu survey, with SAS Enterprise Miner.
- Compared and selected best model based two assessment – misclassification rate and specificity.
- Optimized selected model further using cutoff comparison and suggested recommendations based on findings.
- Top score of the cohort.

Be Customer Wise or Otherwise: Market segmentation of Philippines's market based on household expenditure   Oct 2020
- Performed latent class analysis and K-means clustering on expenditure patterns of Filipino households, with aim to segment the Philippines consumer market into target segment for a hypermarket chain, with SAS JMP.
- Analysed the selected clustering result to identify key actionable insights.
- Suggested recommendations based on findings.

Show me the numbers: An analysis of guests' booking and cancellation trends for two Portuguese hotels   Sep 2020
- Performed exploratory and confirmation data analysis on hotel booking data to identify insights on guests' cancellation patterns, with SAS JMP.
- Developed actionable recommendations based on insights.
- Top score of the cohort.

ADDITIONAL

- **Professional certifications**: CPA Australia; Passed level I of the CFA program.
- **Technical Skills**: Proficient in MS Word, Excel, PowerPoint, SAS JMP and SAS Enterprise Miner; Currently learning Tableau, R, Python and SQL.
- **Work Authorization**: Singapore (PR), Malaysia (Citizen), Australia (PR), New Zealand (PR).