
EDUCATION

- 2020 - 2021** **London Business School, London, United Kingdom**
Reading for Masters in Analytics and Management degree
Modules include Machine Learning for Big Data, Data Management and Data Visualization
- 2015 - 2018** **University College London, London, United Kingdom**
BSc Statistics, Economics and Finance (Achieved 2:1)
Modules include Computing for Practical Statistics, Statistical Inference and Stochastic Methods in Finance

BUSINESS EXPERIENCE

- 2020 - 2020** **256 CAPITAL PARTNERS, New York, United States**
Data-Driven Cryptocurrency Investment Manager
Data Scientist (6 Months)
- Analysed data from 4 major cryptocurrency exchanges (Binance, Bitmex, Deribit, FTX) to identify long-short intraday trading opportunities
 - Constructed a Python-based ML algorithm predicting direction of next day bitcoin price movement with 54% accuracy based on technical indicators
 - Enriched data sources by implementing data scraping techniques to obtain alternative information achieving accuracy increment of 3%
 - Optimised model performance through hyperparameter tuning (3 HP items using Grid-Search, Random-Search & Bayesian Optimisation) to improve model's ability to make predictions
 - Utilized Amazon Web Services (AWS) stack (Sagemaker, Lambda & CloudWatch) to deploy model into an automated production-ready environment and monitored real-world testing results over 90-day period
- 2018 - 2020** **DATAGRASP, London, United Kingdom**
Student-Led Data Science Consultancy
Co-Founder
- Started a non-profit focused on empowering student community with work opportunities leading teams of 17 students over 7 projects generating £12,200 in annual revenue
 - Generated a strong userbase by establishing partnerships with 10 student societies and 5 faculties in top UK universities (Oxford, LSE, UCL, Imperial & Warwick)
 - Secured former Chief Data Scientist at Intel USA, Director of Engineering at Walmart Labs and head of department at University College London as strategic advisors
 - Managed team of 12 committee members across Marketing, Talent Development, Partnerships & Business Development developing people leadership skills
 - Honed client presentation skills by collaboratively running over 100 meetings inclusive of pitching, idea generation, user requirements gathering, project team updates and quality assurance
- 2018 - 2020** **JP MORGAN, Kuala Lumpur, Malaysia**
Graduate Analyst
- Handpicked (1 of 4 in Malaysia) to participate in management trainee program with rotations across 3 divisions: Treasury Services, Senior Country Business Management (COO Office) and Compliance
 - Developed strong Excel skills by automating computation of daily Single Counterparty Exposure Limit (SCEL) report tracking concentration risk saving 130 man-hours annually
 - Drafted summaries of over 50 newly prescribed regulations and policy papers to internal stakeholders informing internal strategic-level regulatory compliance initiatives
 - Built detailed dashboards for presentations to senior management at monthly risk governance meetings through analysis of various key operational and control metrics
 - Authored data analytics reports of payment flows trends for 3 Fortune 500 clients leading to increased client awareness around treasury optimization avenues

ADDITIONAL INFORMATION

- Interests: Piano, Technology, Football
- Languages: English (Native) , Malay (Native), Hindi (Intermediate)
- Technical Skills: Python, R, SQL, SAS, AWS
- Data Science Projects: Word Frequency Analysis using NLP (NLTK), Audio Data Classification Algorithm (Decision Tree Classifier), Predicting Credit Card Approval
- Certifications: Passed 19 courses on DataCamp Data Scientist in Python Track: Supervised Learning with scikit-learn, Manipulating Dataframes with Pandas & Joining Data with SQL