HAORAN WANG

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TECHNICAL SKILLS

Financial Modelling: FP&A (Variance Analysis, Financial forecasting, Budgeting, Project Valuation), Equity Valuation (DCF, Comparable Company), Static Pool, Econometrics Modelling (ARMA-GARCH, MCMC)
Software & Programming Languages: Microsoft Suite (Excel, Power BI, Word, PowerPoint), Oracle Suite (Cognos, Hyperion), Python (Pandas, BeautifulSoup, Selenium, Dash), Tableau, MySQL, Bloomberg, Alteryx
Certificates: CFA Level II, Series 65, Data Analytics (IBM), Data Analyst (Power BI), ML Scientist (Google)

EXPERIENCE

Hilton Grand Vacations August 2024 - Current
Financial Analyst, Portfolio Finance Orlando, FL

- Prepares reports and walks on key metrics from the company's $2bn Static Pool loan portfolio model, including bad debt expense breakdowns/variance walks, monthly loan reserves/loan allowance, and delinquency rates.
- Maintains delinquency forecast model for company's key portfolio of $600mn in Hyperion, collaborating with Senior Director on tuning the model for the annual budgeting process.
- Conducts Ad Hoc Analysis with IBM Cognos on topics including loan prepayment propensity and for pledged loans performance in ABS pools, supporting the Capital Markets team in new ABS issuance.

CARDS Recycling LLC October 2023 – August 2024
Financial Analyst, Strategic Finance Fayetteville, AR

- Conducted variance analysis on monthly P&Ls for company's divisions, identifying trends and deviations in revenue lines and major cost components, presenting the results to the C-Suite.
- Developed and maintained the company's financial forecasting model for its P&L, ensuring accuracy by incorporating seasonal patterns and business expansions into the forecasting model, calibrating model forecasts to actuals, and fine-tuning assumption parameters on past performances.
- Collaborated with CFO to produce the operation budget for the upcoming year, responsible for revenue and costs for LOBs generating 80 million per year, and connecting with other departments to factor in their demands.
- Streamlined the company-wide daily/weekly reporting process with Power BI, visualizing key operating metrics across different LOBs and time horizons and providing insight on business performance.
- Worked with CFO to determine company's optimal financial position using liquidity ratios, and produced Balance Sheet and Cash Flow statement forecast models; models used to determine company's financing strategy.
- Acted as Financial Business Partner in supporting 15+ expansionary projects, including 1) financial due diligence and synergy-adjusted modelling on M&A deals 2) Pro-Forma financial modelling on Government contracts RFPs 3) other CapEx projects as needed.
- Lead the commission of an online sales platform, planning and coordinating internal departments and external working group to ensure smooth project implementation, and conducting market research to identify entry points.

Oriental Securities February 2023 – October 2023
Macroeconomics Research Analyst (Remote) New York, NY

- Maintained ARIMA-GARCH and MCMC based quantitative models of key macroeconomic indicators (Fed rate, Nonfarm Payroll, Unemployment Claims and Core CPI), monitoring the outputs and troubleshooting errors.
- Drafted 10+ weekly reports on forecasts of key macroeconomic indicators, using outputs from models maintained, and analysis of key economic news and events.
- Conducted quantitative research on term structure of the Fed Funds rate using 3-factor model, with attempts to forecast turning point in rate hike after combining with inflation rate forecasts.
- Collected and prepared data from Bloomberg for modelling inflation rate using Python and Excel.

Joblogic-X Corporation October 2022 – January 2023
Financial Analyst (Contract) New York, NY

- Adapted Excel-based financial modelling process with structural references, increasing efficiency by 20%.
- Drafted reports and presentations on model outputs and financial advices using visualization tools and PowerPoint

EDUCATION

New York University September 2021 – May 2023
Master of Art in Economics; Overall GPA: 3.6 New York, NY
Elective courses on Financial Econometrics, Active Portfolio Management and Risk Management.
University of Warwick October 2017 – June 2020
Bachelor of Science in Economics; Overall GPA: 3.7; First Class Honors Coventry, UK