LING LUO

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SUMMARY

Data Analyst and Investment operation analyst with extensive experience in both management consulting and Investment Operations arena. Proficient in researching business data and delivering business strategies. Fluent understanding of business implementation and strategies as well as industry-specific clearing and settlement product services.

PROFESSIONAL   EXPERIENCE

ICF International: Oak Brook, IL   *Oct.2017 – Now*
Energy Efficiency Data/Business Analyst

Perform strategic consulting support for the implementation of commercial and industrial energy efficiency (EE) programs. Provide the data expertise as needed across the contracted program portfolio.

- Forecast incentive rebate expenditure, energy saving and future participation for the Commonwealth Edison EE program with an rebate incentive~$47M, energy saving~311GWh on both short-term and long-term basis
- Conduct business data mining activities from Salesforce to uncover customer energy consumption behaviors insights and to identify opportunities to leverage in energy consumption, market segments leading to 20% increase of the pipeline
- Use Tableau and Power BI etc. data visualization tools to interpret the program perform results to managements driving effective decision making
- Liaise with Program leads, Energy Efficiency engineers and outreach team in business planning and support analysis including economic scenario analysis, performance benchmarking, opportunity and risk assessment and research projects
- Automate daily data reporting with Python and SQL by saving 60% manually data pulling processing time, manage daily maintenance of program databases, utilized by the program implementation team, to ensure data integrity
- Prepare ad hoc data reports to accurately describe activities in the field and to monitor progress towards program goals on
- customer participation and the completion of eligible projects

Key Accomplishments:

- Improved annual incentive forecast accuracy with a realization rate of 100% in 2018
- Developed and implemented two marketing strategies campaigns leading to program pipeline 20% increase
- Increased data reporting efficiency by saving 60% of the manually process time.

Northern Trust Corporation: Chicago, IL   *Jul. 2015 – Jul.2017*
Trading support Analyst (Contractor)

Address responsibilities and tasks related to daily investment operations for Northern Trust funds. Act as liaison among internal stakeholders such as Investment Managers, Brokers, and Trading Technical Support teams to coordinate appropriate and necessary investment operations functions.

- Designed, developed and debugged in Excel macros / VBA to search trading records, process trades, and generated daily reports automatically, which improved trading accuracy and saved 40% of processing time
- Created, maintained and analyzed daily reporting, Profit and Loss reconciliation for over two hundred (200+) repo contracts
- Extracted all relevant, time series data from Crystal Reports on daily basis
- Performed timely, accurate execution and settlement of fund investments including hedge funds
- Monitored and utilized DTCC / STS systems for automated trade notifications; interfaced with more than thirty (30+) Investment   Managers and Brokers on behalf of custody side for over $100B in trade value per day
- Communicated unresolved trade issues to Clients and Brokers to ensure resolutions by market closing and resolved various inquiries efficiently from cross-functional internal teams including Investment Manager Liaison Group, Asset Coding, Valuation Reporting, Exception, and Technology.

Key Accomplishments:

- Enhanced Excel macros / VBA to improve efficiency of data processing system and decreased levels of manual input errors
- Reduced client's penalties during periods of desk coverage, saving $100K thus far
- Recognized for developing and cultivating solid relationships with difficult clients; saved costs associated with trades' swifts.

EDUCATION

Northwestern University: Chicago, IL   *Jul. 2018 – Jan.2019*
Professional certificate in Data Science

Illinois Institute of Technology: Chicago, IL   *Aug. 2013 – May 2015*
Master of Science in Finance

- Member of CFA Society of Chicago; Administrative Assistant Office of the Dean IIT Stuart School of Business
- Recipient of Dean's Scholarship (IIT Stuart School of Business, Chicago, IL)

SKILLS

- **Programming**: Microsoft Office Suite; SQL; Salesforce; Python; R; VBA; Bloomberg
- **Financial & Marketing Strategy**: Discounted Cash Flow (DCF) Model; Leveraged Buyout (LBO) Model; Forecasting Model; SWOT Matrix; Porter's Five Forces
- **Statistical/Modeling Skills**: Linear/Logistic Regression, Time Series, Decision Tree, Clustering, Classification, PCA, Binomial Tree,