Tony Engineer

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SKILLS

Technical: Python (Numpy, Pandas), SQL, Tableau, MySQL, S&P Capital IQ, BestLink, Microsoft Excel (Pivot Table, VLOOKUP, Financial Modeling and Forecasting), SAS, PowerPoint, Power BI, SQL Server, JavaScript, Java, CSS, C, R, HTML
Language: Native proficiency in English and Mandarin

EDUCATION

University of California, Berkeley   Berkeley, CA
B.A. in Data Science / B.A. in Economics; Honors (GPA: 3.95/4.00) Summa cum laude   Aug 2019 – May 2023
- **Program and Awards:** Phi Beta Kappa, L'Oréal's Financial Case Competition #1; Goldman Sachs Insight Series, JP Morgan Offer
- **Leadership:** Student leader at ASUC: Spearheaded the marketing initiatives for the largest student org on campus, reaching 2,000+ audience. Performed autonomous research to analyze stock sentiments predicting GameStop stock movements <2% error rate.

WORK EXPERIENCE

The Walt Disney Company   Burbank, CA
Business Strategy Analyst (ESPN) – Corporate Finance   Oct 2023 – Present
- **Financial Analysis:** Assessed financial performance through liquidity, leverage, EBITDA, ROI, and FCF in Excel to deliver over 10+ PowerPoint presentations to the Board of Directors that helped inform strategic decision-making to increase profitability.
- **Statistical Modeling:** Built a statistic and cost-revenue analysis model in Excel to indicate past business performance and identify growth and cost drivers, resulting in a 5%-10% reduction in labor and process costs.
- **Investment Strategy:** Proposed 5 investment strategies by identifying ESPN's programming rights problems while searching for opportunities for improvement to recommendations to the board, which 2 were adopted that could save up to $1.3m.
- **Dashboard Development:** Developed an interactive dashboard by automating data retrieval connected to GCP with SQL for real-time updates and integrating customizable filters and features such as region, channel, product line, revenue, delivery times, etc. to allow for granular analysis by period, which drived critical business insights.
- **Financial Planning:** Collaborated with business stakeholders to build out the ESPN 5-year financial plans based on historical forecasts and valuations to story-tell strategic growth narratives for the Board of Directors on pivotal investment decisions and corporate strategy.

Meridian Capital   Seattle, WA
Investment Banking Analyst (Internship from May 2022 – Aug 2023)   May 2022 – Aug 2023
- **Business Intelligence:** Performed financial due diligence for a client in the technology sector, analyzing financial statements to inform strategic and financial investment decisions to optimize risks and returns by calculating ROI using DCF, CCA, and precedent transactions, producing a football field for a visual comparison of valuation ranges and sensitivity table to assess the impact of assumptions.
- **Marketing Research:** Identified client's technology market trends and the competitive landscape by applying Porter's 5 Forces framework to derive market share and determine growth trajectories.
- **M&A Valuation:** Applied valuation models including DCF, M&A model, and public comps in Excel for 3 technology M&A deals, which were praised for the robust analysis and aesthetic presentation.

Diversatech x One Concern   Berkeley, CA
Project Manager Intern   Sep 2021 – Jun 2022
- **Project Management:** Assisted in managing a large-scale property loss project utilizing Waterfall methodology within JIRA, focusing on time management through building a roadmap, establishing key milestones, and ensuring thorough documentation.
- **Predictive Modeling:** Constructed prediction models to discover the relationship between disaster damage in U.S. real estate and historical weather patterns, property age, etc. in Python, increasing potential loss estimations accuracy by 20%.
- **Data Cleaning:** Cleaned real estate disaster data by employing techniques such as outlier detection, fuzzy matching for deduplication, and normalization of geographic information, paving the way for a 35% surge in the precision of damage prediction models.
- **Data Analysis:** Analyzed real estate disaster distribution in the US and weather trends by leveraging SQL in Snowflake, Matplotlib, and various Python libraries to forecast future real estate property damage from natural disasters
- **Data Visualization:** Visualized real estate damages in heatmaps via Tableau, building various dashboard that allows customers to select and weigh different variables for a comprehensive risk analysis and tailored investment strategy.

Accenture Consulting   Remote
Consultant Intern   Apr 2020 – Jun 2020
- **Business Analysis:** Examined an Autonomous Vehicles client's business through SWOT analysis, and uncovered critical issues in technology integration and market positioning that guided the development of a robust action plan for competitive advancement.
- **Marketing Analysis:** Quantified market opportunities, risks, and competitive landscape in the New Infrastructure sector and provided strategic recommendations on optimal investment locations for future 5G infrastructures with the highest return potential.
- **Business Strategy:** Developed strategic operational enhancements such as automating supply chain logistics with AI-driven forecasting tools, aiming to boost productivity by an estimated 20%.
- **Business Operation Streamline:** Optimized the marketing delivery process by automating handing online flyers, integrating advanced analytics for targeted campaigns, and refining cross-departmental workflows, which enhanced overall business efficiency by 25%.