JABULANI JB SIFUNDZA

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SUMMARY

Highly motivated and detail-oriented Finance graduate student with a strong foundation in financial analysis, data-driven decision-making, and financial modeling. Passionate about leveraging Microsoft Excel, Python, SQL, and quantitative research techniques to build financial models that optimize investment strategies, and drive revenue growth.

EDUCATION

Illinois Institute of Technology, Chicago, IL

Master of Science in Finance **May 2026**

- **Relevant Coursework:** Statistical Analysis for Financial Markets, Financial Modeling, Valuation and Portfolio Management.

Lake Forest College, Lake Forest, IL.

Bachelor of Arts in Finance **May 2019**

- **Relevant Coursework:** Calculus I, Applied Statistics, Options and Futures.

SKILLS

Technical and Scientific: Financial Modeling | Data Analysis | Machine Learning | Quantitative Analysis | Monte Carlo simulation.
Frameworks and Technologies: Microsoft Excel |Microsoft Word | Pandas | SQL | Sci-Kit Learn | Numpy | Keras | Firebase |
Programming Languages: Python | JavaScript.

EXPERIENCE

NDALI

Co-Founder & Software Developer, Johannesburg, South Africa **October 2019 - March 2024**

- Spearheaded the preparation and delivery of client presentations, leading to $ 18,222.00 in total revenue generated.
- Generated $10,000.00 in revenue by developing full-stack applications with Google Cloud, Node.js, and MongoDB to provide rich user experiences through highly scalable platforms integrating various payment platforms.
- Collaborated with a local company to establish an access control system for Eswatini's Independence Day celebration in Python, which was attended by over 8,000 people and generated $ 4,000 for Ndali.
- Built WhatsApp Chatbot Agents to automate various business functions using Python, bringing in $ 20,000.00 in revenue.
- Leveraged various APIs to wrangle, and visualize complex large financial datasets from Kaggle and Yahoo Finance using Python, Pandas, Numpy, and Matplotlib to make quantitative, data-driven investment decisions.

BUNDLAR AUGMENTED REALITY SOLUTIONS

Financial Analyst Intern, Chicago, IL **September 2018 - May 2019**

- Devised Financial Models in Microsoft Excel and Google Sheets, leading to a $ 1.5M Series A capital raise.
- Analyzed & designed pro-forma financial statements provided to investors, raising $ 1,500,000.
- Managed financial accounting models to create company financial statements including income statements, cash-flow statements, and balance sheets forecasting revenues of up to $ 3,000,000.
- Evaluated various investment term sheets given to investors in Series A capital raise worth $ 1,500,000.

PROJECTS AND COMPETITIONS

Chicago Quantitative Alliance Investment Challenge GitHub

December 2024

- As lead Quantitative Analyst for the Chicago Quantitative Alliance Investment Challenge, I developed a Python-based quantitative trading strategy, utilizing Bloomberg, Microsoft Excel, Python, Pandas, Numpy, and Streamlit for the analysis of over 2,000 companies. My model generated a portfolio of 40 long and 40 short positions through fundamental, technical, and quantitative analysis with Python and Pandas. Additionally, I developed a Streamlit web application to automate and streamline weekly compliance checks using Python and Pandas.

Equity Research Helper Application GitHub | Demo

August 2023

- Created using various Math, NLP, and ML techniques, such as HuggingFace Financial Summarization and Text Classification NLP Models, Monte Carlo simulations, and Markowitz Efficient Frontier Theory for efficient portfolio allocation. The selected portfolio maximizes the Sharpe ratio for the highest returns.