NITIN MADAGI

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PROFESSIONAL EXPERIENCE

Brain Injury Rights Group – Finance/Accountant Associate (Manhattan, NY)   **Feb 2024 – Feb 2025**
- Partnered with the CEO to drive strategic restructuring, identifying high-margin opportunities that boosted company profits by 30%.
- Independently administered nearly $15 million in funds, optimizing financial processes and ensuring full compliance with regulations.
- Engineered financial models to forecast company performance, assisting senior leadership in making well-informed decisions.
- Utilized Python and SQL to automate financial data analysis process, reducing processing time and increasing reporting by 25%.
- Strategized with federal legal team to secure over $10 million in funding from the NY Department of Education.

Esurgi, Inc – Finance Intern (Remote)   **Jan 2024 - Feb 2024**
- Partnered with leadership and the head of the legal team to analyze company share structure, resulting in a fair distribution of shares.
- Developed financial models to assess company valuation, enabling increased investments by 40% and driving company growth.

J.P Morgan Chase & Co. – Investment Banking Intern (Forage Platform) (Remote)   **Jul 2023- Oct 2023**
- Analyzed potential M&A targets using the client's criteria & identified an ideal target aligned with goals, achieving strategic alignment.
- Designed a DCF model to calculate the valuation of the M&A target and adjusted the model to account for a competitor bid.

Subhas Patil & Co. – Financial Analyst (Vijayapura, India)   **Apr 2021 – Aug 2022**
- Developed and backtested a momentum-based trading strategy in Python, improving the Sharpe ratio by 25% and increasing annualized returns by 18%, leading to adoption in live trading.
- Built a financial forecasting model using DCF, enhancing forecast accuracy by 30% and supporting a $10M funding round.
- Automated risk analysis by designing an ETL pipeline integrating Yahoo Finance data, reducing data processing time by 80%.
- Optimized portfolio allocation with mean-variance and factor modeling in Python, cutting drawdowns by 12% and boosting portfolio returns by 15% in a three-year backtest.

Cognizant Technology Solutions Corp (Bangalore, India)
Senior Systems Engineer (Financial Systems Team)   **Sept 2018 - Jan 2021**
- Facilitated clients in financial decision-making by preparing financial reports using complex data, ultimately winning awards.
- Implemented cost tracking system for new product development, resulting in accuracy and reduced cost variances by 15%.
- Examined and interpreted financial data to identify trends, patterns, and opportunities for improvement and communicated findings to senior leadership through clear presentations, leading to informed decision-making.

Engineer Trainee (Financial Systems Team)   **Sept 2017 -Aug 2018**
- Optimized financial reporting processes and workflows using Oracle's ERP Cloud, resulting in a 30% reduction in reporting time.
- Developed and implemented an ROI modeling framework for new product launches, resulting in a 20% increase in profitability.
- Resolved financial reports discrepancies via SQL-driven analysis, showcasing precision in data integrity & problem-solving.

SKILLS

Core Finance Skills: Portfolio Management, Financial Planning & Analysis, Risk Management, Financial Valuation, Pricing Fixed-Income Securities, Financial Derivatives, Budgeting & Forecasting, Credit Analysis, Accounting Principles, Variance Analysis

AI & Machine Learning Tools: TensorFlow, PyTorch, SciKit-Learn, Quandl & Alpha Vantage, Neural Networks (LSTM, Transformers), Recurrent Neural Networks (RNNs), Short Term Memory Networks (LSTM), Artificial Neural Networks (ANNs)

Tools: Tableau, PeopleSoft Financial, Power BI, Essbase, Yield Book, MS Excel, PowerPoint, Alteryx, Hyperion, QuickBooks

Languages: Python, R, SQL, Java, Selenium, MATLAB

EDUCATION

Master of Science in Financial Mathematics (Financial Risk Management Track)   **Aug 2022 - Jan 2024**
University at Buffalo, The State University of New York, NY(STEM)

Bachelor of Engineering in Electronics & Communications   **Jun 2012 -Sep 2016**
Sri Siddhartha Institute of Technology, Tumkur, India

LEADERSHIP ACCOMPLISHMENT

UNICEF Unite Club– Fundraising Officer   **Mar 2023 - Dec 2023**
- Headed presentations on children's rights and responsibilities during war times, resulting in 95% positive feedback.
- Crafted a compelling report on clean water's vital role in developing nations, driving a 30% surge in Club members' awareness.

LICENSES & CERTIFICATIONS
- FINRA Series 66 (Test Scheduled for 15 Mar 2025)
- Securities Industry Essential (SIE) (Sep 2024)
- Quantitative Risk Management in Python – DataCamp (Nov 2023)
- Financial Market Analysis – International Monetary Fund (Oct 2023)
- Bloomberg Market Concepts (Feb 2023)