

SAAKSHI DEDHIA

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EDUCATION

University of Southern California (USC), Los Angeles, CA

August 2024 - May 2026

Master of Science in Applied Economics and Econometrics (STEM)

GPA: 3.85 / 4

Coursework: Time Series Analysis, Big Data Econometrics, Macroeconomics

Involvement: Teaching Assistant, Research Writer, President of the Economic Graduate Student Association, Blockchain@USC Research Team, Global Investment Society (GIS), Gamma Iota Sigma Risk Management Society

Mithibai College (Autonomous), Mumbai, India

August 2020 - May 2023

Bachelor of Arts, Economics

TECHNICAL SKILLS

Tools/Languages/Frameworks: Microsoft Office Suite (Excel, PowerPoint, Word, Outlook, Access), Python (Pandas, NumPy, Matplotlib), Power BI, MATLAB, R, STATA, Bloomberg Terminal, Tableau, SQL

Analytical Skills: Financial Modeling, Business Analysis, Data Analysis, Econometrics Modeling, Market Research, Scenario Analysis, VaR Analysis, Portfolio Risk Modeling, Stress Testing, Quantitative Research / Analysis, Monte Carlo Simulation

PROFESSIONAL EXPERIENCE

Sparsh Skin | Co-Founder (Part-Time) | Mumbai, India

August 2020 - July 2024

- Led the development and launch of 30+ consumer products, leveraging market analysis, demand forecasting, and risk assessment to optimize pricing strategies and drive a 25% revenue increase
- Optimized capital allocation and financial planning, enhancing operational efficiency by 30% through data-driven inventory management, process automation, and strategic supplier negotiations, reducing production time from 6 weeks to 4 weeks
- Built a distribution network of 15+ independent women entrepreneurs, boosting market reach and increasing sales by 40%
- Conducted pricing and revenue analysis, enhancing profit margins by 25%, increasing average order value from \$20 to \$25
- Awarded "Rising Star of The Year – 2022" for leadership, business acumen, and driving 10% YOY business growth

Saaro Investments | Investment Analyst Intern (Part-Time) | Mumbai, India

April 2018 - July 2024

- Developed tailored investment strategies for 50+ individual clients, aligning asset allocation with risk tolerance and financial goals
- Enhanced investment forecasting accuracy by testing and refining financial models for scenario analysis, risk management, and performance attribution in high-net-worth portfolios
- Conducted due diligence on assets, evaluating fund performance, factor exposures, and liquidity risks across equities, fixed income, and alternative investments
- Optimized portfolio allocations using quantitative analysis and risk-adjusted return metrics, increasing Sharpe ratios by 20%

Aarti Industries Limited | Financial Planning & Analysis Intern | Mumbai, India

October 2023 - December 2023

- Analyzed financial data with the CFO, streamlining reporting processes and reducing turnaround time by 30%
- Managed 50+ import-export transactions, ensuring 100% compliance and cutting processing time by 25%
- Assisted in forecasting P&L, balance sheets, & cash flow scenarios, improving financial accuracy by 20% for quarterly reports

Amit Gopani & Associates | Financial Analyst Intern | Mumbai, India

April 2023 - May 2023

- Conducted financial analysis using Excel models to identify investment trends, improving client investment returns
- Maintained financial databases, ensuring data accuracy and supporting strategic decision-making
- Researched asset performance and valuations, delivering 5+ tailored client presentations and enhancing portfolio strategies with improved returns

ACADEMIC PROJECTS

Sovereign Debt Crises: Predicting defaults and analyzing their economic consequences

January 2025 - Present

- Analyze developing economy case studies, identifying debt default patterns and evaluating recovery strategies using statistical modeling and coding
- Develop ML/econometric models to predict sovereign default probabilities using macroeconomic variables, governance quality, social stability, and emerging technologies

The Impact of ESG Scores on Corporate's Financial Performance | [Paper]

July 2022 - October 2022

- Analyzed ESG data from 96 Indian firms, showing a 15% increase in profitability and a 12% rise in enterprise value linked to strong ESG performance
- Presented findings at a national conference, highlighting the impact of strong ESG performance on corporate profitability and long-term value creation