Satya Bhambhani | in ⌂ @
Business Process Transformation Analyst

SUMMARY

Data enthusiast with strong analytical, problem-solving and communication skills. Excellent understanding of business processes with a solid knowledge of Finance, education in Economics and experience in Data Science.

EDUCATION

Master of Art in Economics (elective: MBA Finance), *San Diego State University, CA*   ***Aug'19 - May'21***

Honored with a *Scholarship* by Kenneth & Dorothy Scott for top of the class performance of *3.93 GPA*
Co-author for research on '*Impact of New Businesses on Neighborhood Crimes*' with Jiyeon Shim & Dr. Hao Fe

Post Graduate in Business Analytics, *Gujarat University, India*   ***Jul'18 - May'19***

Bachelor of Science in Economics, *Narsee Monjee Institute of Management Studies, India*   ***Jul'15 - Apr'18***

CORE COMPETENCIES

Data: ETL, Machine Learning with Deep Neurals, Database Pipelining, APIs, Text Processing & NLP, Visualization
Finance: Corporate Finance, Equity, Forecasting & Projection, Portfolio Management, Sentimental Analysis
Business: Process Automation, Workflow Documentation, Dashboards, Web-navigation & Scrapping, Simulations
Economics: Statistics, Operations & Research, Time Series, Macroeconomics, Econometric Estimation & Predictions
Languages & Tools: Python, PowerBI, T-SQL, VBA Macros, Stata, R, SPSS, LaTeX, Excel, PowerQuery, Bloomberg

WORK EXPERIENCE

Data Analyst, *IMEG Corp. Headquarters (Engineering & Design company), IL*   ***Aug'21 - Jul'22***

- Worked closely with Chief Officers, Directors, and Senior Management to improve data & business processes

- Facilitated data-integration for 20+ employees after a merger by updating 32-bit VBA code in prime documents and initiated transition processes to newer platforms including 64-bit Access databases

- Saved 48%|21TB of active corporate data-storage costs by identifying & initiating archiving of 50%|5.01m inactive files for 78%|15K projects into accessible data warehouses

- Reduced ticketing time by 250% and increased efficiency for 1600+ employees by updating IT Support system using APIs and designed live dashboard to track priority metrics and implement on-the-go decisions

- Transitioned database of 700+ equipment from Excel containing images, hyperlinks and merged cells to databases connected with custom-WebUI for quick-access thereby improving data consumption processes

- Transformed manual work of 4-days to a reduced 9.42sec processing time by automating equipment classification using Deep Machine Learning for 50,000+ data points each week with drag-&-drop solutions

- Developed *(in C++)*, provisioned *(with Azure)* & deployed 30+ IoT sensors to track telemetry & provided insights to improve building performance by creating live dashboard tracking 20 offices across 5 states

- Improved 8 high-impact business processes by revamping & documenting them with concise step-by-step guides including screenshots & apt examples for each step.

- Designed dashboard to track 4+ weekly phishing tests for 1600+ employees to improve corporate data integrity by implementing CRUD database solutions using platform APIs

- Optimized 3000+ lines of unreliable 20yr-old VBA code by efficiently condensing to 1000 lines and improved reliability of high-value contracting templates for the entire enterprise

Lecturer - Applied Economics, *San Diego State University, CA*   ***Jan'21 - May'21***

- Demand & Supply, Production & Costs, Taxes & Subsidies, International Economic Trade and Financial Economics
- Class of 64 students; Received Faculty Rating 4/4; Presented 42 lectures; 15+ group coursework; Class average: A+

Graduate Teaching Assistant, *San Diego State University, CA*   ***Aug'20 - May'21***

- Managed 400+ students across 5 courses over 3 semesters for Economics, Business & Finance college
- Evaluated tests, proctored exams, reviewed weekly coursework & clarified concepts during office hours

Research Associate, *San Diego State University, CA*   ***Sep'19 - May'21***

- Spearheaded 9+ research projects in international trade, health, crime, and policy economics over 4 semesters
- Regressed & analyzed 400+ models, summarized 80+ published references, & presented 20+ papers

ACHIEVEMENTS & LEADERSHIP POSITIONS

Cleared CFA Exam Level-1   ***Jun'19***
Winners for CFA Research Challenge San Diego-'20 & certified for 'Outstanding Investment Research'   ***Feb'20***
Secured $23,000 budget as Vice President of Finance for Graduate Student Association, SDSU   ***Aug'20***
Allocated $1.8m to University Projects & secured $42,000 for Graduate Research & Professional projects   ***Jan'21***

EXTRA-CURRICULARS & INTERESTS

NMIMS: Graduation Ceremony Keynote Speaker-'18 **;** Placement Executive Head-'17**;** Student Representative-'18
Cooking, Swimming, playing Ukulele, Soccer, F1, Novel reading, Podcasts