PURVI DOSHI

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PROFESSIONAL EXPERIENCE

July 2019 - Present
New York, NY

Goldman Sachs - Asset Management - Multi-Asset Solutions Group
Investment Analyst
· Daily portfolio management and investing across 20 total and absolute return multi-asset funds (~$15bn AUM); including risk and performance management, liquidity management, currency hedging, weekly trading of tactical views and rebalancing
· Invested ~$4.8bn in assets for a leader in insurance services; liaised with the client to understand return objectives, managed timeline and deliverables across all teams, and established conclusive trading strategies for 150+ accounts
· Managed trading and developed investment insight for an ESG Enhanced Global Multi-Asset Fund, conducted due diligence on specific ESG trends and criteria to improve fund's MSCI ESG rating by ~20%
· Constructed and implemented tactical derivative overlay strategies, multi-leg options structures, swaptions, and currency pair trades to capitalize on yield and relative value, broadening investment acumen on leading sectors and global markets
· Developed dynamic beta and duration contribution models for equity and debt instruments using Excel and VBA, saving 100+ hours of team time by organizing key metrics for decision making
· Composed quarterly reports dissecting P&L and volatility to identify key investing strategies, performance and risk drivers, and potential market trends for 30+ clients; routinely delivering extensive presentations to clients and senior management

June - August 2018
New York, NY

Goldman Sachs - Asset Management - Multi-Asset Solutions Group
Summer Analyst
· Evaluated fund objectives, market landscape, and directional biases to devise trade proposals for daily flows of ~$20mm
· Devised a rates overlay strategy for a sovereign wealth fund to address shifts in the yield curve and provide diversification
· Analyzed regional biases, key rate duration, and credit quality in fixed income indices for a custom benchmark reconstruction
· Modelled profiles of options based lalternative risk premia strategies to highlight the impact of restructuring on 15+ clients

May - July 2017
Mumbai, IN

Oracle - Oracle Financial Services Software (OFSS)
Summer Intern
· Designed 15 responsive dashboards and information architecture for Oracle's digital banking platform (OBDX)
· Created data visuals to exhibit platform functionality and effectively synthesize account information for all clients
· Formulated and executed workflows for peer-to-peer transactions, account authentication, and custom notifications, accelerating efficiency by 50%
· Conducted user testing to enhance content accessibility; improved visual compliance and input functionality for transactions

EDUCATION

August 2015 - May 2019
Pittsburgh, PA
(GPA - 3.70)

Carnegie Mellon University
B.S. Civil and Environmental Engineering and Business Administration (Honors Graduate)

Coursework: Mathematical Finance • Statistics and Quality Control • Fundamentals of Programming and Computer Science • Differential Equations • 3-Dimensional Calculus • Investment Analysis • Operations Management • Project Management • Regression Analysis • Economics • Mechanics • Environmental Engineering • Resource Systems Engineering

Leadership: CMU OM President, Bhangra in the Burgh Design Chair, CMU Raasta Production Chair

December 2020 - Current
Online, Remote

Introduction to Data Science in Python
University of Michigan - Coursera
· Data manipulation and programming to perform basic inferential statistical analysis

PROJECTS

Undergraduate
Pittsburgh, PA

Infrastructure Development
Senior Bridge Model and Construction
· Designed and constructed a 20ft steel bridge with a load bearing capacity of 2500lbs, working with a team of 10 people
· Developed a MATLAB optimization algorithm to model applied load, compressive and tensile stresses, and density on each segment, expediting the design and testing process by 33%

Undergraduate
Pittsburgh, PA

Synesthesia
Computer Application - Python
· Built an application to map audio frequencies to color wavelengths of 450-700nm using objected oriented programming
· Translated tunes into a sequence of colors and vice versa to enhance accessibility of music and visuals for the disabled

SKILLS & ACHIEVEMENTS

Awards & Certifications CFA Level I (Expected 2021) • Series 7, 63 • University Honors • Dean's List • Duke of Edinburgh's Award, Gold Recipient

Software & Programming Microsoft Office • Microsoft Excel • VBA • Python • Bloomberg • HTML • CSS • Adobe Photoshop • Adobe Illustrator • MATLAB

Lanuguages English • Hindi • Gujarati • French • Thai

Interests Trekking (Everest Base Camp - 17,598 ft) • Licensed PADI Openwater Diver • Freelance Designer