

# PURVI DOSHI

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## PROFESSIONAL EXPERIENCE

### Summer 2019 - Present **Goldman Sachs - Global Portfolio Solutions (GPS)** New York, NY **Investment Analyst**

- Portfolio management and daily trading 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
- Launched ~\$4.8bn in assets for a leader in insurance services in accordance with the client's investment and return objectives; managed timeline and deliverables across all teams and established conclusive transition plans for 150+ accounts
- Constructed and implemented tactical derivative overlay strategies, multi-leg options structures, and currency pair trades to capitalize on yield and relative value between sectors and regional markets; contributing ~2-3% YTD
- Developed dynamic beta and duration contribution models using VBA; saved 100+ hours of team time by organizing key metrics for decision making
- Composed quarterly investment reports, dissecting p&l and volatility to identify performance and risk drivers for 30+ clients
- Recruited and mentored summer interns. Identified key areas of strength and development for weekly reviews

### Summer 2018 **Goldman Sachs - Global Portfolio Solutions (GPS)** New York, NY **Summer Analyst**

- Evaluated fund constructions, 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 benchmark reconstruction
- Modelled profiles of options based ARP strategies to highlight the impact of restructuring on 15+ clients

### Summer 2017 **Oracle - Oracle Financial Services Software (OFSS)** Mumbai, IN **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

### Fall 2015 - Spring 2019 **Carnegie Mellon University** Pittsburgh, PA **B.S. Civil and Environmental Engineering and Business Administration (with University Honors)** (GPA - 3.70)

**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

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

## PROJECTS

### Fall 2018 **Industrial Infrastructure Development** Pittsburgh, PA **Scale Bridge Model - Steel**

- Designed and constructed a 20ft steel bridge with a load bearing capacity of 2500lbs, working with a team of 10 people
- Devised an optimization model for load equations using matrices to expedite the design and testing process by 33%

### Spring 2017 **Axially Loaded Planar Truss Design** Pittsburgh, PA **Engineering Model - MATLAB**

- Developed an algorithm to model applied load, compressive and tensile stresses, and weight density on planar trusses
- Enhanced real-time model accuracy to 99.98%

### Spring 2016 **Synesthesia** Pittsburgh, PA **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) • University Honors • Gold International Youth Award

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

**Languages** English • Hindi • Gujarati • French • Thai

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