

SUNNY

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Passionate finance student at SKEMA Business School, pursuing a dual Master's in Corporate Finance and Management. Actively seeking full-time internship opportunities from July 2025

EDUCATION

SKEMA Business School

Paris ,France

M.Sc. in Corporate Finance & Master in Management (GRANDE ÉCOLE)

Sep. 2023 – Apr. 2025

- Coursework: Corporate Valuation Methods, Corporate Treasury Management, Financial Reporting and Analysis, Capital Budgeting ,Private Equity , Portfolio Management , Python

Ramaiah Institute of Technology, VTU University

Karnataka, India

Bachelor of Engineering in Electronic and Telecommunication

Aug. 2019 – Jun. 2023

- Coursework: Engineering Mathematics, IoT, Python, Advanced Programming in c & c++, Data Structure and Algorithm, Network Analysis, Analog circuit Design, Microcontrollers ,Communication System

EXPERIENCE

The Originals Boutique Hotel Porte de Dieppe

Dieppe, France

Full-time , Finance & Operations Intern

May 2024 – Aug. 2024

- Managed daily financial reporting, analyzing revenue and expense trends to support strategic decision-making .
- Optimized budget allocations and implemented cost-control measures, enhancing overall profitability .
- Oversaw Accounts Payable and Receivable, processing over €250K monthly to ensure smooth cash flow.
- Coordinated payroll and inventory tracking, ensuring efficient resource management.

Meander Spectra Private Limited

Karnataka, India

Research Intern

Feb. 2023 – Apr. 2023

- Built a custom emotion recognition dataset featuring six emotional states, tailored to Indian-accented speech.
- Developed a Python-based model using over 5+ hours of real-time video data, integrating facial and voice features to analyze driver emotions.
- Combined CNN classifiers with statistical feature engineering to detect high-risk emotional states in real time, optimizing model performance.
- Achieved 98% accuracy in identifying risky driving behavior, improving predictive capability by 12% over traditional models and enhancing vehicle safety systems.

Hamari Pahchan

Delhi, India

Digital Media Marketing Intern

Jun. 2020 – Jul. 2020

- Led digital marketing efforts for the SUKHAD initiative, boosting awareness and fundraising during COVID-19.
- Supported the distribution of 50,000+ sanitary pads, improving menstrual hygiene for underserved communities.

RESEARCH EXPERIENCE

Risk-Constrained Retirement Portfolio Optimization/ SKEMA Business School

Feb. 2025 – Apr. 2025

- Built a customized investment portfolio for a French retiree with a €250K mandate, factoring in age, income needs, and medical conditions to ensure a conservative and diversified allocation strategy.
- Developed a fully automated pipeline in Python to fetch, clean, and analyze 10+ years of data on European and French equities, excluding penny stocks and optimizing for dividend yield and stability.
- Applied mean-variance and minimum-variance portfolio optimization under real-world constraints (e.g., no short selling, capped weights, full capital allocation), enhancing capital preservation.
- Back-tested and visualized performance through Efficient Frontier plots, Sharpe ratios, and risk-return tables, while generating correlation and covariance matrices to guide selection.

Private Equity Deal Valuation – Mid-Market Acquisition / SKEMA Business School

Nov. 2024 – Dec 2024

- Conducted full-cycle valuation of a mid-market European industrial firm using DCF and Comparable Company Analysis.
- Modeled 3 revenue scenarios with WACC sensitivity ($\pm 0.5\%$), assessing a fair value range between €41M – €48M.
- Benchmarked 6 peers across EV/EBITDA and P/E metrics and evaluated synergies under private equity assumptions.

ADDITIONAL

Technical Skills : C | C++ | Python (NumPy, Pandas, scikit-learn, Matplotlib, TensorFlow, PyTorch) | MATLAB| Excel |

Certificate: Financial Modelling (CFA institute,2024), Introduction to Corporate Finance(University of Pennsylvania , 2023), Bloomberg Market Concepts(Bloomberg 2024), Bloomberg Finance Fundamentals(Bloomberg, 2024), Python Data Structures (University of Michigan, 2023)

Languages: English (Fluent), Hindi (Native), French (Beginner)