SCHOLASTIC ACHIEVEMENTS

- **AA** grade in **Entrepreneurship**, **Computational lab** and **Industrial Design** given to the **top 5%** of batch **2023**
- Consistently achieved a **GPA of 10** in more than **8+** courses throughout the degree program, up to the present **2024**
- Achieved the **Certificate of Merit** for being in **Top 1.5%** out of 1.5 million candidates in **AISSCE, CBSE** **2020**
- Clinched a perfect **100/100** in Social Sciences, achieved **top 0.1%** among all the students in **AISSCE, CBSE** **2022**

PROFESSIONAL EXPERIENCE

Capital Market Analyst Internship | **Tradeshala** <div align="right">**Apr 2024 - Jul 2024**</div>

- Achieved a **15%** profit on Live portfolio of **$200** and **8%** returns in the virtually simulated portfolio of **$10,000**
- Studied the **Forex** and **Gold** markets sentiment using **price action, fundamental news and technical indicators**
- Delivered detailed reports and presentations, showcasing strong market research appetite, and analytical thinking

Finance Trainee | **YHills Edutech Ltd.** <div align="right">**Dec 2023 - Mar 2024**</div>

- Developed a **DCF** model for TATA Motors, projecting cash flows, using **valuation** methods alongwith **WACC**
- Enhanced decision-making frameworks with **sensitivity** and **football field** analyses based on valuation methods
- Estimated the intrinsic value by changes in Net Working Capital and **CAPM** to evaluate **risk & return** trade-offs

POSITIONS OF RESPONSIBILITY

Teaching Assistant | *English Learning Improvement Training (ELIT)* <div align="right">**Jun 2024 - Present**</div>

- Conducted **10+** lectures to enhance communication and language skills for **250+** students from varied vernaculars

Department Academic Mentor | *Student Mentorship Program, IIT Bombay* <div align="right">**Jun 2024 - Present**</div>

*Part of a **41**-member team selected from **125** applicants based on rigorous interviews, inter-personal skills & peer review*

- Mentored **6 sophomores**, providing guidance on academics and extracurriculars to support their holistic development
- Authored detailed course reviews on the **mentorship blog**, helping future students make informed academic decisions

KEY PROJECTS

Discounted Cash Flow Model | *Internship Project* <div align="right">**Feb 2024 - Mar 2024**</div>

- Developed a DCF model for Bank of Baroda, **projecting cash flow** and discounting them to present value by **WACC**
- Performed **sensitivity analysis** to evaluate the impact of varying revenue growth rates on the company's **valuation**
- Got **intrinsic share value** by incorporating **changes in net working capital**, and gained insights into investments

Corporate Finance | *Summer Of Science, IIT Bombay* <div align="right">**Jun 2024 - Jul 2024**</div>

- Performed **Valuation** of **L&T** to estimate an intrinsic value of **₹400,000 crore**, validating the market capitalization
- Assessed multiple **Financial ratios** such as **D/E ratio (3.46)** and **ROE (13%)** to analyze solvency and profitability
- Conducted **Capital budgeting** analysis, calculating **NPV (₹114 crore)** and **IRR (12%)** for the expansion project

BTC Price Prediction using Time Series Forecasting | *Self Project* <div align="right">**Dec 2024 - Jan 2025**</div>

- Analyzed **10+** years of BTC price data using YFinance; verified stationarity with **Augmented Dickey-Fuller** test
- Developed **ARIMA** (2,1,2) model with **98.1%** accuracy (**1.9%** MAPE) for prediction of BTC-USD crypto price
- Optimized model hyperparameters using **auto_arima** to obtain the least error and deviation in predicted model

Value at Risk (VaR) Model: TATA Motors | *Self Project* <div align="right">**Apr 2024 - May 2024**</div>

- Analyzed closing prices of **TATA Motors** from January 2010 to May 2024 to estimate potential losses with a **99% CI**
- Calculated the Value at Risk for an assumed asset value of **$1,000,000**, assessing deviation in historical price volatility.
- Leveraged Statistical models with less than **1% loss**, providing insights for investment decisions and financial stability.

COURSES UNDERTAKEN

- Introduction to **Corporate Finance - University of Pennsylvania** (Wharton Online) <div align="right">**Jun 2024**</div>
- Financial statements - **Three Statement** Analysis (Corporate Finance Institute, **CFI**) <div align="right">**Dec 2023**</div>
- **Accounting** Fundamentals - Balance sheets and Cash flows statements (Corporate Finance Institute, **CFI**) <div align="right">**Jan 2023**</div>

EXTRACURRICULARS

NCC	• Clinched **1st** position to the squad in **Adventure General Championship**, **NCC** IIT Bombay **2023** • **Promoted** to Delta Squad, for excelling in **rigorous training** drills at **NCC** IIT Bombay **2023**
Sports	• Achieved **1st** position as a member of **Winning team** in Intra Hostel-1 Big Bash League **2023** • Achieved **1st** position as **Winners' team** in Intra-Hostel Mixed Cricket League(MCL) team **2023** • Obtained **Winner's** position in intra hostel-9 indoor sports (9-UP) tournament, in foosball **2023**