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**EDUCATION**

- 2020 - 2021**     **London Business School, United Kingdom**  
Reading for Masters in Financial Analysis degree - option to graduate in 2022  
Student Ambassador | Member - Women in Business Club | Debate and Public Speaking Club  
Merit Scholar - Received scholarship worth £10000
- 2015 - 2019**     **Birla Institute of Technology and Science - Pilani, India**  
B. E. (Hons.) Computer Science, CGPA 9.88/10  
Minor in Finance, CGPA 10/10  
Merit Scholar - Received ~80% scholarship in all eight semesters

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**BUSINESS EXPERIENCE**

- 2019 - 2020**     **D. E. SHAW, Hyderabad, India**  
**Hedge Fund, headquartered in New York, with \$50+ billion AUM**  
**Member Technical - Front Office | Asset-backed Securities**
- Built factors-based financial models in Python to price re-performing/non-performing loans' portfolio with 5000+ loans; performed sensitivity analysis to arrive at competitive and accurate bid
  - Collaborated with Asset-managers based in London and New York offices; designing analytics tool to analyse portfolios using various statistical models
  - Liaised with Financial Research, Data, and Technical teams to develop tools to track cashflows, generate reports, and monitor performance of deals worth hundreds of millions of dollars
  - Mentored a Summer-Intern virtually (due to COVID-19); actively provided constructive feedback that helped the intern secure a Pre-Placement Offer
  - Served as a technical point-of-contact for Loans' Underwriting team based in London; handling the financial modelling related responsibilities and driving cross-team collaboration among three teams
- 2019**     **MORGAN STANLEY, Bangalore, India**  
**Spring Analyst (6 months) | Wealth-Management Group**
- Strategically re-engineered the core infrastructure of a banking deposits platform that manages \$100+ billion by coordinating with 6-members team
  - Restructured the non-trading flow of different deposit products to reduce execution time by 66%, increasing daily time window available to gather client cash deposits by 10%
- 2018**     **D. E. SHAW, Hyderabad, India**  
**Summer Analyst (2 months) | Risk Team**
- Streamlined the process of evaluating risk exposure in various portfolios by designing a tool to visualise and assess exposure using highly configurable charts
- 2017**     **INDIAN INSTITUTE OF REMOTE SENSING, Dehradun, India**  
**Research institute under Indian Space Research Organization (ISRO), Department of Space**  
**Data Analyst Intern (2 months) | Water-Resources Department**
- Systematized the pre-processing of high-dimensional remote sensing data, eliminating manual intervention and achieving 400%+ efficiency
  - Collaborated with a Senior Scientist to develop Python-based models to analyse multi-temporal and multi-resolution large datasets, shortening processing time from 8 hours to 30 minutes

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**ADDITIONAL INFORMATION**

- **Leadership and Organisational Skills** - Organised a national-level exam as a City-head of Department of External Affairs - BITS Pilani; convinced 75% of schools pitched, raising ~5% of total revenue generated from exam
- **Interpersonal Skills** - Panellist and Counsellor at orientation seminar organised by Academic Counselling Cell - BITS Pilani; seminar was attended by 1000+ students
- **Planning and Research Skills** - Served as a Teaching-Assistant of three Computer Science courses; prepared lab materials, mentored & managed course labs of 150+ students, & administrated lab exams
- **Volunteering Activity** - Conducted a 'Big Picture' series as a member of Asset-backed Securities - D. E. Shaw to facilitate exchange of business and technology related ideas within a team of 12+ members
- **Course Project** - Conducted analysis of stocks of two publicly listed Indian firms using MACD, Relative Strength Index, DCF and Relative Valuation for partial fulfilment of undergraduate course
- **GMAT** - 710 (Quant - 50)
- **Technical Skills** - C, C++, Python, Java, VBA, SQL, R
- **Language Skills** - fluent English; native Hindi