

Sonakshi Gupta

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EDUCATION

- 2022 - 2023** **London Business School, London, United Kingdom**
Reading for Masters in Analytics and Management
- 2017 - 2021** **SINGAPORE MANAGEMENT UNIVERSITY, Singapore**
Bachelor of Business Management
Major in Finance, Technology for Business
Wrote a report in cooperation with X-Culture, an international project, to identify potential markets and lucrative methods for expansion for a Brazilian toy company in 2021
Collaborated with a manufacturing company to assist in going public, by developing inventory management models, performing sensitivity analysis, studying past financial reports in 2019
Teaching Assistant, Introductory Statistics, SMU (Aug - Dec 2018)

BUSINESS EXPERIENCE

- 2021 – 2022** **KACH MOTORS PVT LTD, Indore, India**
A manufacturing company for automobile components, used in heavy commercial vehicles supplying to Volvo Eicher Motors, etc.
Associate Consultant - System Optimisation (13 months)
- Formulated daily production plans for plant based on customer demand, available finished goods, WIP, required safety stock; optimized production costs through daily WIP, inventory and purchase tracing by 5%
 - Analysed turnover trends, salary, and other factors operating Tableau and Python to deduce reasons for employee turnover
 - Developed an employee performance measurement system to evaluate overall productivity of a worker after tracking daily actual to target production ratio and rejection rate for 300 staff members
 - Built model to incentivize employees based on productivity levels drawn from performance measurement system, increasing average productivity per worker by 9%, minimizing employee turnover by 5%
 - Created a real-time tracking platform for WIP, incorporated it with in-house ERP software, leveraging MS Excel and Python, to shadow WIP for all production lines of unit; decreased inventory cost by 5%
- 2020 - 2020** **CAPITALVIA GLOBAL RESEARCH LIMITED, Indore, India**
An Investment Advisory Firm
Research Analyst Intern (5 months)
- Ideated 2 new investment products by analyzing indicator movements with price fluctuations and by executing fundamental analysis of stocks and derivatives
 - Automated implementation of products employing tools such as Excel VBA and Python
 - Conducted back testing of long-term investment, swing trading and intra-day trading proprietary strategies for past 10 years
 - Analysed results of back testing through Python to derive correlation between indicators including MACD, RSI, etc. and identify best strategies
- 2019 - 2019** **AXIS BANK, Singapore**
One of the leading commercial banks of India
Treasury Intern (Fixed Income) (3 months)
- Authored 10+ credit-analysis reports for new lending transactions of Indian companies in oil and energy sector
 - Analyzed industry outlook and presented credit rationale considering 4-5 factors such as credit rating, financial ratios, etc.
 - Conducted annual credit reviews of existing portfolio holdings by deriving financial ratios, performing bond valuation calculations, and performing due diligence
 - Updated trend-cards to reflect latest financials and status of transaction daily

ADDITIONAL INFORMATION

- Competitions** Finalist, Amplify Trading Global Markets Competition APAC (Mar 2021) - an online trading simulation competition
Second Runner-Up, Real Business Weekend (Jan 2019) - a university-level 52-hour start-up competition
- Leadership** Served as Honorary Finance Secretary for SMU Fitnessworks Club to manage budgets and arrange sponsorships for club's activities (2019)
Served as Programmes and Logistics Director for Project Sparks in SMU Rotaract Club, to organise activities such as weekly classes, fundraising drives for autistic children (2017-18)
Served as Head Girl, High School (2016-2017)
- Languages** Fluent in English and Hindi, studied up to intermediate French and Italian
- Technical** Microsoft Excel, VBA, MySQL, Python, Tableau, Statistical Modelling using PHStat Excel Add-in
- Interests** Travelling (been to 20+ countries), painting and adventure sports such as skydiving, scuba diving, etc.