

SARTHAK GOEL

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EDUCATION

Birla Institute of Technology and Science Pilani, Goa *Aug' 2016 - Jul' 2021*
- B.E. in Computer Science and M.Sc. in Economics (Top 10 in class) GPA :8.62/10.0
St. Francis' College, Lucknow *Apr' 2001 - May 2015*
- High School (ICSE) - 95% and Intermediate (ISC) - 96.25% (99th Percentile - India)

WORK EXPERIENCE

IBM - Data Scientist *Aug' 2021 - Present*
- Spearheaded project with 5 juniors to reduce data access time by 82% for one of India's leading Bank's Data Warehouse and enhance data integration from over 98 tables present in 2 source systems
- Implemented Database Migration Testing for 8 databases, with close to 10TB+ of data
Goldman Sachs - Intern @ Investment Banking Division *Jan' 2021 - Jun' 2021*
- Performed KPI analysis for deal service to the tune of \$100mn+ for few of Europe's top 5 Luxury & Beverage Brands at the Consumer-Retail Group based out of the London office
- Profiled buyers and sellers for Live Merger & Acquisition deals, while being the only intern actively implementing solutions suggested by VP's & CXO's for clients based in Finland and Egypt
Qubole - Software Engineering Intern *Jul' 2020 - Dec' 2020*
- Added layers of authentication, authorization, history and auditing on the Admin Interface improving GDPR compliance and security multi fold for the startup based in Santa Clara, CA
National University of Singapore - Global Academic Intern *Dec' 2019 - Jan' 2020*
- Presented a research to Hewlett-Packard instructors based on live-image based PixNet- convolutional neural network model and developed an android application for its deployment
Panasonic, Gurgaon - Summer Trainee *May 2019 - Jul' 2019*
- Applied pattern recognition decision-driven analysis of subscriptions and cancellations by retailers

PROJECTS

PixScrap: Garbage Classification using Deep Learning *Dec' 2019 - Jun' 2020*
- Achieved 91% accuracy with Transfer Learning and Ensemble modelling for image based segregation of waste, developed an Android application with GPS technology for location-based solution
Forecasting Price Volatility of Agricultural Commodities *Jan' 2019 - May 2019*
- Created ANN & LSTM models with Adjusted R square of 0.9, forecasting NCDEX & MCX indices

POSITIONS OF RESPONSIBILITY

Teaching Assistant - BITS Pilani, Goa *Aug' 2018 - Mar' 2020*
i) OOP - Programming ii) Microeconomics iii) Digital Design - Top 5% of Class for these courses
Sponsorship Manager, TEDx BITS Goa *Aug' 2017-19*
- Managed roughly 20 people handling one of India's oldest college TEDx conference's sponsorship and publicity. Sold merchandise out to 500+ students across different years and streams, converted 2 distinguished speakers, and integrated with 10+ organisations across the state for the conference
Senior Advisor - Department of Backstage and Infra Mgmt, BITS Goa *Aug' 2017-19*
- Worked with around 20 people to manage Infrastructure and Production for festivals- Waves(cultural), Quark(technical) and Spree(sports); each with attendance of over 2000 students across India. Optimised budget, inventory and resources while collaborating with Sponsors, Advertisers and Participants

ACHIEVEMENTS & RECOGNITIONS

Microsoft Student Partner - Attendee, Global workshop @ New Delhi *Jan' 2020*
Gold Level in Worldquant Challenge @ WorldQuant LLC *May 2019*
(CBAP)Certified Business Analytics Practitioner @ Henry Harvin Education *Sep' 2018*
Microsoft - Code.fun.do++ BITS Goa, Second Runners' Up *Sep' 2018*
Top Performer, 180DC Consulting Summer Training *Sep' 2018*

EXTRA-CURRICULAR & VOLUNTEER EXPERIENCE

Instructor, Academic Assistance Program @ Centre for Technical Education *May 2019*
- Provided free tuition to 3 need-based students for examinations in the course - Thermodynamics
Peer Mentor, Peer Mentorship Program (PMP) BITS Goa *Aug' 2017-18*
- Mentored 6 freshman students in coursework, placement and co-curricular engagement at BITS Goa
Volunteer, Blood Bank and Component Centre @ Lucknow *Jul' 2019*
- Impacted over 500 people with 20+ donations in Barabanki district through in-person campaigns
Volunteer, International Conference for Economics and Finance @ Goa *Feb' 2018*
Languages - Hindi, English, Urdu, Spanish, 10+ computer languages
Interests : Public Speaking(Top performer @ BITS Goa), Music(Sound Mixer @ Sunburn Campus and Sofar Goa), Reading(50 books), Travel(20 countries) and Photography(published at exhibitions)