



Dishank Jindal
Electrical Engineering
Indian Institute of Technology Bombay

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B.Tech.
Gender: Male
DOB: 11-07-2001

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2023	

Pursuing Double Minors in **Computer Science and Engineering & Machine Intelligence and Data Science**

SCHOLASTIC ACHIEVEMENTS

- Ranked among the **Top 10** in a batch of **85** students pursuing BTech in Electrical Engineering [Present]
- Secured **AIR 1** in CBSE Class 12 boards in science stream and **AIR 3** overall among **1.3M** students, [2019]
honoured by **President Ram Nath Kovind & PM Narendra Modi** for academic excellence on **15th Aug**
- Achieved **AIR 57** in JEE Main and **AIR 267** in JEE Advanced examination out of **1.1M** candidates [2019]
- Received the prestigious **KVPY** Scholarship with **AIR 87** and **NTSE** Scholarship given by NCERT [2017]

POSITIONS OF RESPONSIBILITY

Manager, Analytics Club | Undergraduate Academic Council (UGAC) [Apr'21 - Present]

Head of a 2-tier team responsible for catering to the interests of 5k+ students in the field of Data Science & Analytics

- Revamped **Learners' Space** program and moderated courses on **Excel & SQL** with **5100+** student registrations
- Conceptualized **Winter Hands-on Analytics**; compiled an online repository of **50+** intern and placement resumes
- Executed a full fledged **Internship Preparation Program** for 3 different Analytics profiles with a reach of **400+**
- Collaborated with IGTS to conduct **Game Theory** bootcamp and released biweekly infographic series on **Big Data**

Convenor, Consult Club | Undergraduate Academic Council (UGAC) [Jun'20 - Apr'21]

- Reformed club operations adapting to COVID scenario, incorporating **20+** new events under a **0-budget** constraint
- Initiated the launch of first ever **Consulting Core Group** after surveying **10+** models of 180DC & ShARE chapters
- Pioneered a case group-mapping platform & a 9-day long **Product Management Consilium** followed by PM GC
- Collaborated with the institute film making club to organise **marketing** competition and mentored **20+** freshmen

Department Academic Mentor | DAMP, Electrical Engineering [Apr'21 - Present]

- Part of a **35** member team selected from **85+** applicants based on a **stringent interview** and **peer review** system
- Mentoring **8** sophomores with their academic difficulties, and providing credible counsel for their personal issues
- Among the 4 students from the dept recommended for **Institute Student Mentorship** for excellent candidature

INTERNSHIPS AND KEY PROJECTS

Quantum Machine Learning | Research Intern, National University of Singapore (NUS) [May'21 - Present]

- Analysed **interactive proof system** for PAC verification and a Sauer's Lemma-based proof for sample complexity
- Compared classical & quantum algorithms using **information-theoretic & state-identification** proof arguments
- Formulating algorithms on **quantum learning of CPTP maps** after research on an analogous classical problem

AI Doctor | NLP-AI Intern, Reliance Jio Platforms Limited [Dec'20 - Feb'21]

- Curated a dataset of **1500** tokens from raw medical data & explored **5+** models for accurate **phrase identification**
- Implemented a **Bi LSTM-CRF** network achieving **92%** accuracy and used spaCy and NLTK for custom NER
- Attained **81.7%** phrase similarity using **Sentence-BERT** & deployed the model with **gRPC** using protocol buffers

Drone Images Based Crop Stress Estimation | Undergraduate Research Project [Oct'20 - Jun'21]

- Part of Data Sciences in Farming Support System, an **Indo-Japan** project in collaboration with University of Tokyo
- Built **5 synthetic data** generation methods after probabilistic analysis of APSIM model & sparse ground truth data
- Implemented Probabilistic Graphical Model on RFC and generated **farm feature-maps** predicting crop stress level

Startup Funding Analytics | Programming for Data Science Course Project [Nov'20 - Dec'20]

- Analysed massive startup **investment crunchbase data** of nearly 25 years with **10+ statistical tests** and plots
- Prepared a workable dataset on Indian & US Startups and compared various **regression models** for prediction
- Achieved an **R2-score** of **0.991** by using just the **external factors** of startup funding data into our consideration

EXTRA CURRICULAR ACTIVITIES

Finance/Eco	<ul style="list-style-type: none">Pursued a self-paced summer project on Financial Markets and Mathematical FinanceMentored four freshmen students for a reading project in the field of Economics
Leadership	<ul style="list-style-type: none">Elected by 140+ students in Electrical Engineering to serve as the Class Representative (CR)Attended a 7 day Leadership Camp at Mount Abu as a part of a 12 member group
Sports	<ul style="list-style-type: none">Completed a year long training in Cricket under National Sports Organization (NSO)Winner of the Intra Hostel (H-2) Carrom League organised for more than 500 studentsBagged 3rd position in Basketball in Freshiesta, the annual sports weekend for freshmen
Cultural	<ul style="list-style-type: none">Performed Bhangra at AIDS, Insync Dance Club's flagship annual event with footfall of 1500+