



Riyan Jain
Economics
Indian Institute of Technology Bombay

19B080019
B.S.
Gender: Male
DOB: 30-05-2001

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

Chartered Financial Analyst Level 1 Candidate (July 2021) by the **CFA Institute**, United States of America
Pursuing a **Minor Degree in Artificial Intelligence & Data Science** by **C-MInDS** Department, IIT Bombay; **CPI: 10**

SCHOLASTIC ACHIEVEMENTS

- Currently holding **Department Rank 7** in the Economics Branch | Achieved **SPI of 9.64** in the third academic semester [2021]
- Secured a percentile of **99.81** in the JEE Mains and **All India Rank 1752** in JEE Advance amongst 0.24 million aspirants [2019]
- Secured **International Rank 8** in the **International Mathematics Olympiad** by Science Olympiad Foundation (**SOF**) [2013]

POSITIONS OF RESPONSIBILITY

Institute Football Secretary | Gymkhana, IIT Bombay [April'21 - Present]

Elected as a part of a 23-member Sports Council catering to 10,000+ students and staff members, responsible for each event of the sport

- Conducted the **UEFA Champions League Prediction Contest** with a prize fund of **INR 2K** and participation of **170+** players
- Conceptualized and executed **Freshiesta**, an online weekend event for **500+** freshmen participating in **10** different games
- Ideated and inaugurated the **Formula 1 Club**, IIT Bombay which has witnessed a participation of more than **200** students

Marketing Manager | Aavhan - Annual Sports Festival, IIT Bombay [June'21 - Present]

Annual Sports Fest of IIT Bombay with a footfall of more than 6k athletes from all over the country participating in 18 different sporting events

- Leading a dedicated team of 6 conveners responsible for databasing, contacting and execution of marketing deals for Aavhan
- Cracked sponsorship deals with **MPL E-Sports**, **CoinDCX** and **Paramount Dealz** to contribute **INR 60K** and **Wooden Chess Boards** to the prize fund of **INR 135K** in Aavhan Online Chess Competition 3.0 which saw a participation of **700+** players

Institute Sports Events Convener | Institute Sports Council, IIT Bombay [June'20 - April'21]

Selected among 17 out of 100+ applicants through Interviews, into a 3-tier council responsible for all the sports activities in the Institute

- Executed the Virtual Run amidst the pandemic with a prize fund of **INR 22K** and participation of **1300+** people across India
- Played a key role in conducting the Aavhan Online Chess Open 2.0 with a prize pool of **INR 64K** and recorded the then highest participation of **550+** players for a single day paid event in India from **7 countries**
- Executed the Blackcats Championship, an intra-contingent fitness competition witnessing **250+** participants across **13** sports
- Ideated and conducted the Institute's first ever Fantasy Premier League event, with over 100 regular participants

KEY PROJECTS & MENTORSHIPS

Stock Price Prediction using Deep Learning | Course Project | Guide: Prof. Biplab Banerjee [March'21-April'21]

- Applied deep learning models: **LSTM**, **CNN**, **LSTM-CNN** and **ARIMA** to model the closing price of **Nifty50**
- Attained **predictability of 98.54%** using **ARIMA** and drew conclusions by comparing the models' accuracy on time series data

Estimating a Given Distribution | Course Project | Guide: Prof. Rama Pal [September'20-October'20]

- Built from scratch a Probability Mass Function on randomized data by analysing **Cullen and Frey Graphs** and estimating parameters to fit the distribution using **Maximum Likelihood Estimator** on **R** and derived theoretical conclusions

FinSearch Mentor | Fundamental Vs Technical Analysis | Finance Club, IIT Bombay [June'21 - July'21]

- Mentored 4 teams on comparing Fundamental and Technical Analysis on securities, explaining their working in the market

EXTRACURRICULAR ACTIVITIES

Sports	<ul style="list-style-type: none">Sole freshman in the Football team which made it to the knockout stages at the 54th Inter-IIT Meet [2019]Participated in CBSE Clusters in Table Tennis - Individual and Athletics Individual 400m and 800m [2014]Captained the Hostel 16 Football team to 4th position the Hostel Football General Championships [2019]Finished 2nd in Squash, 3rd in Football and 3rd in Crossy during Freshiesta Competition [2019]
Technical Projects and Training	<ul style="list-style-type: none">Selected based on an aptitude examination for two weeks of rigorous training on Information Technology-Concepts and Applications at the Infosys Campus in Bengaluru by Spark [2015]Assembled a Bluetooth controlled obstacle-maneuvering bot and completed an 8 obstacle course [2019]Attended a Machine Learning Workshop conducted by Kyrion Technologies Pvt. Ltd. at IIT Bombay [2020]Programming Languages: C++ and R; Software: GIMP, AutoCAD, SolidWorks, RStudio
Miscellaneous	<ul style="list-style-type: none">Fundraised an amount of INR 13,000+ for Rahat Covid-19 Campaign by NGO Goonj India [2020]Completed the 5-day Dayara Bugyal trek standing at a height of 12,000 feet in negative temperatures [2020]Completed PADI Discover Scuba Diving program by Temple Adventurers in Puducherry [2017]Hosted an Online Live Workshop and a Lecture Series during Aavhan'20 Voice in BCC Episodes [2021]