Rohan Garg		**17B080011**
Economics		**B.S.**
Indian Institute of Technology, Bombay		**Gender: Male**
		DOB: 08-09-1999

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2021	9.77

SCHOLASTIC ACHIEVEMENTS

- Currently holding **Department Rank 1** in B.S. Economics batch & **Institute Rank 12** among 1000+ students   ['21]
- Conferred with **Institute Academic Prize** twice for best performance in the department in second & third year   ['19, '20]
- Awarded **AP Grade** in **3 courses**: Economics (3 out of 291), Money & Banking and Development Economics   ['18, '19]
- Attained **Perfect 10 SPI** (Semester Performance Index) in third and fourth Semester of the academic program   ['18, '19]
- Secured 98.7 Percentile in IIT-JEE Advanced & 99.7 Percentile in JEE Mains Examination among 1.2 million aspirants   ['17]

PROFESSIONAL EXPERIENCE

Summer Associate | Nomura Research Institute (NRI) Consulting & Solutions, India   [May '20 - Jun '20]

*Awarded a **Pre-Placement Interview** (PPI) offer from the firm*
Global Investment Bank & Financial Services Group | Application of social sentiment analysis for capital markets in United Kingdom
- Generated social chatter data using social listening tools such as Talkwalker & created dashboards to **visualize live data** for client
- Developed 3 social sentiment indices after data transformation which yielded a **67% correlation** with FTSE 100 index open price
- Obtained statistically significant **causal relation** between sentiment and stock index after appropriate **regression analysis** in STATA
- Demonstrated **3 use cases** of sentiment analysis: early warning system, augmenting existing models, tracking IPO of non-listed firms

Product Strategy & Research | Metropolitan Stock Exchange (MSE), Mumbai   [May '19 - Jul '19]

*Awarded **Letter of Recommendation** jointly from CFO and Head HR for commendable work done in internship and final project report*
- Analysed the trading scenario of 2 underperforming financial products: **Interest Rate Futures** (IRFs) & **Sovereign Gold Bonds** (SGBs)
- **Conducted surveys** on IRFs trading with 3 institutional investors from Canara Bank, Federal Bank & Union AMC to identify loopholes
- Evaluated the possible deterrent to trade of IRFs & **suggested improvements;** estimated the expected revenue from trade of SGBs

Student Researcher & Assistant | Economics Department | Indian Institute of Management, Bangalore   [Nov '19 - Present]

Working towards two **research paper publications** in the domain of quantitative economics & development economics**; received LOR**
"Contract work & endogenous firm productivity in Indian manufacturing sector" & "Green revolution, labour markets & tech. adoption"
- Contributed across **4 running projects** as a research assistant which involved data cleaning, visualisation, and secondary research
- Fitting and back-testing 3 econometric regression models in STATA with appropriate control variables and data transformation
- Aiming to conduct robustness checks on models & evaluate how increasing proportions of contract workers affect firm productivity

COMPETITIONS & PROJECTS

Reserve Bank of India (RBI) Monetary Policy Challenge | Non-Banking finance in India   [Oct '19 - Dec '19]

*Awarded the **Best Entry** from Mumbai Region thereby winning the regional round & qualified for the zonal round in Pune*
- Analysed the performance of NBFCs, the effect of NBFC crisis and evaluated the impact of past regulatory measures taken by RBI
- Drafted **16 policy recommendations** for RBI after identifying **6 key challenges** currently faced by Non-Banking Finance Companies

Deutsche Bank | Quantitative Easing During Financial Crisis and Impact on Bond Yields | Manch Program   [Jan' 19 - Apr '19]

*Received **Honourable Mention** for performance in the final presentation and awarded **3rd Prize** in institute level competition*
- Demonstrated the circumstances causing the financial crisis & the timeline of quantitative easing program by the Federal Reserve
- Empirically depicted the net impact of quantitative easing on bond yields after obtaining **45% correlation** among proxy variables

Manufacturing Sector in India | Indian Economy | Course Project | Prof. K. Narayanan, Economics   [Jan '20 - Jun '20]

- Identified key challenges faced by the manufacturing sector & the shortcomings of past policies which led to stagnancy in the sector
- Gauged the future prospects of the manufacturing sector and outlined **5 broad policy recommendations** for the Indian Government

POSITION OF RESPONSIBILITY

Senior Department Academic Mentor | Student Mentorship Program, IIT Bombay   [Mar '19 - Present]

Initiatives	• Involved in the execution of department initiatives such as conducting **help sessions** & developing department blog • Coordinating with an 8-member DAMP team to obtain regular course feedback for making suggestions to faculty • Aiming to enhance student-faculty interaction by conducting 'Know Your Professor' & 'Ask me Anything' sessions
Mentorship	• **Mentoring 10** second- & third-year students and assisting 1 student under **Academic Rehabilitation Program** (ARP)

EXTRACURRICULARS & COURSES

Courses & Workshops	• Completed courses in **Project Management** (AA) & **Marketing Management** (AA) under SJM-SOM, IITB	['18, '19]
	• Completed NSE Academy certified course **Equity Portfolio Management** (Grade: A) by Alphabeta, NYC	['19]
	• Undertook day-long workshop in **Public Policy Consulting** by Global Governance Initiative (GGI)	['19]
Sports	• Participated in **district level Cricket** ['12, '13] and **Softball** ['14] tournaments from Ajmer district, Rajasthan	
	• Represented hostel in **Cricket & Hockey** General Championship (GC) ['18, '19]; undertook training in Hockey under NSO	
Technical	• **Programming:** STATA, C/C++ & Python; **Software**: AutoCAD, SolidWorks, MS Project, Project Libre	

Scholastic achievements and extracurricular activities are not verified by the Placement Cell