

ABHISHEK

Junior Year Undergraduate
Department Of Economic Sciences
Minor in Industrial Management & Engineering
Indian Institute of Technology Kanpur

 in Abhishek
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★ EXPERIENCE

Financial Markets Experience Program

Finlatics

 March 2021 – May 2021

- Performed real-time **Fundamental and Technical** analysis to create and maintain a virtual **Portfolio** of **BSE 500** companies
- Engaged in **economy-wide**, **sector-specific**, and **company-oriented** research and analysis
- Conducted **in-depth** research on **few companies** from **Technology** and **Pharmaceutical** sectors of the Indian economy



KEY PROJECTS

Portfolio Optimization Using Markowitz Model


Coursera

 May'21

- Designed a model to **Maximize** the efficiency of investment using the **Markowitz model** Opt. for the highest **Sharpe ratio**
- Calculated the Sharpe ratio of asset portfolios using **different combinations of stocks and bonds** of **S & P 500** and **Vanguard 500** indices from last **10 years**
- Eliminated the specific risk to obtain the optimal weights for maximum **Sharpe ratio** and **minimum variance portfolio**

Stigma and Misconceptions in the time of covid-19

Course Project Prof. S.K. Mathur

 Jan'21 - May'21

- Analyzed direct or indirect relationship between **stigma**, **mental health**, and **quality of life** in the times of **covid-19** and to test whether the provision of information **reduces stigmatization** or not
- Circulated a survey among people based on their knowledge about the **pandemic** and divided participants into **control** and **treatment** groups and then provided information to the treatment group and left control group as it is
- Resulted in significant **decrease in misbeliefs**. Misconception for **spreading virus** against specific social groups who practice burying of dead bodies decreased by approximately **11%**

Stock Market Analysis and Prediction

Self-Project

 Dec'21

- Analysed **Bank Nifty**, and **Nifty50** indices along-with **4 stocks** by calculating their **Daily returns** and **Moving averages**.
- Calculated the **Correlation** of different stocks with indices using **Seaborn**
- Predicted the **Nifty 50** index using the long short term memory(**LSTM**) method



POSITION OF RESPONSIBILITY

Manager, Events Cell

Udghosh, IIT Kanpur

 July 2021 – Present


- Successfully conducted a **Cryptic Hunt** event for the campus junta
- Headed a team of **15+ junior and senior executives** and oversaw smooth conduction of multiple **Sports Events**
- Gathered participant pool from leading schools of **jharkhand** for **national open school sports quiz** in addition to maintaining and creating the database



EDUCATION

BS Economics

IIT Kanpur

 2019 – Present

 Kanpur

CPI = 7.5/10.0

Class XII, New Look Public School

 2019

 Kota

Percentage : 84.8%

Class X, Tagore International School

 2017

 Kuchaman City

CGPA : 10.0/10.0



TECHNICAL SKILLS



Programming Languages/DBMS

JavaScript | C/C++ | Python | MonogDB | SQL | R



Frameworks & Libraries

Node.js | Express | Pandas | NumPy | Matplotlib | \LaTeX | TensorFlow | SciKit-Learn



Web Development

HTML | CSS | React.js | Rest APIs



Languages

English | Hindi | French



RELEVANT COURSES

Managerial Economics

Macroeconomics

Econometrics - II

Microeconomics - II

Applied Probability & Statistics

Financial Econometrics

Macroeconomics-II

Financial Economics

Market Design

- Ongoing Courses

Python and Statistics for Financial Analysis

Financial Markets

- Online Courses



EXTRA-CURRICULAR

- Secured **4th place** in a 7 day long National level Topical quiz competition **CATECHIZATION** | KMKCP
- Actively Participated in sports as a part of the Institute Basketball Team
- Ensured smooth conduction of events in **Udghosh'19**, **IIT Kanpur** as a Junior Executive in Events Cell
- Participated in a Group-Dance during Freshers'19