

MAISAM ALI AKHONE

Final Year Undergraduate

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ACADEMIC QUALIFICATIONS

Year	Degree/Certificate	Institute	CPI/%
2017 - Present	Bachelor of Science	Indian Institute of Technology, Kanpur	6.41/10
2015	JKBOSE(XII)	Govt. Higher Secondary School, Ladakh	83.2%
2013	JKBOSE(X)	Muttahary Public School, Ladakh	85%

EXPERIENCES

Kuants - Quantitative Risk Management Intern

(Jan'21-Present)

- Backtest, modify and quantitatively validate algorithms created by **25K+** users on Algo-lab and filter for risk metrics
- Ideated and developed Quant Risk Management module for **120K+** Quantitative Algorithms with specialization in Portfolio Optimization, and Sensitively Analytics of Order Books to optimise acceptance rate of strategies

TalentBox Labs Pvt Ltd - Intern

(Jul'20-Aug'20)

- Developed a complete portfolio of users by scraping users data from various sites like GitHub, LinkedIn, StackOverflow, Kaggle etc. using **python web scraping** libraries and frameworks such as **Beautiful Soup, Request and Selenium**
- Worked in tandem with the technical and business team of TalentBox to devise innovative strategies for the company

Indian Angel Network - Venture Capital Intern

(Apr'20-Jun'20)

- Researched and prepared various sector specific reports and knowledge banks to be used in making investment decisions and also performed screening of investment opportunities by evaluating business plans, market scope, scalability, and valuation
- Acquired preliminary skills in **Data Analytics, Secondary Research** and acquainted with the start-up investment cycle
- Analyzed **pitch decks** of **50+** early stage ventures attended and summarized screening calls with startups pitching to IAN

LEADERSHIP AND RESPONSIBILITY

Head-Startup Internship Program | Entrepreneurship Cell, IIT Kanpur

(Mar'19-Apr'20)

- Spearheaded a **3-Tier** team of **40+** students inviting startups to provide internship opportunities to the students
- Led the planning and executing the internship process for **100+** startups and **700+** students
- Part of a **14** member-core team aiming to encourage and foster Entrepreneurship at IIT Kanpur initiatives
- Organized **eSummit'19**: the flagship entrepreneurial event of IIT Kanpur which witnessed a footfall of **8000+**
- Achieved **50%** increase in the annual budget of the cell with **₹20 lakh** collected through sponsorships

Coordinator-Boxing Hobby Group | Games And Sports Council, IIT Kanpur

(Mar'19-Apr'20)

- Successfully conducted a **7-day** workshop for our campus residents and provided a certificate of participation
- Participated in **Inter Zonal Tournament of Boxing**, received **SILVER** Medal from Youth and Sports Office

PROJECTS

Cooperative Game Theory As Trade War | Economics Body, IIT Kanpur

(Jan'19-Apr'19)

- To analyze Trade War using the concept of the **prisoner's dilemma**, a better analogue during a **trade war** in a team of **8**
- **Visualized** the impact of tariffs imposed by a government on net surplus and loss under scenarios like **cooperation, non-cooperation** etc. by plotting the game using **python matplotlib**

Stock Price Prediction Using Machine Learning | iNeuron Project

(Mar'20-Mar'20)

- To **predict and forecast** Stock Market to determine the future value of a company stock traded on a financial exchange
- Created **LSTM** model using **keras** after reshaping the inputs and predicted the **future 30 days** by plotting the output

Real Estate Price Prediction | IBM Career Education

(Jun'20-Jun'20)

- Designed an ml model for real estate price prediction, selected features, removed outliers and then used various machine learning algorithms like **linear regression, decision tree and random forest** on the pre-processed data and obtained a model with an **R-squared** value of **0.649** from the testing data set after performing various exploratory data analysis

Handwritten Digit Recognition | Skyfi Labs

(Jul'20-Jul'20)

- Designed a machine learning model to predict the labels of **handwritten digits** with the help of **Keras-neural network**
- Training of data was done using **deep neural network** and test accuracy of **97.7%** was obtained from the testing dataset

TECHNICAL SKILLS

- **Languages & Databases:** C/C++, Python, SQL
- **Interpersonal Skills:** Team Management, Leadership
- **Softwares & Libraries:** MS-Excel, Jupyter Notebook, VS Code, Scikit-Learn, Seaborn, Matplotlib, NLTK, Numpy, Pandas

COURSES AND CERTIFICATIONS

Calculus And Analytic || Linear Algebra & O.D.E || Applied Probability And Statistics || Econometric And Regression Analysis
Data Structures And Algorithms || Python for Data Science, Data Analysis and Visualization || Machine Learning A-Z in Python

EXTRA-CURRICULAR ACTIVITIES

- Cleared **All India National Entrance Screening Test 2017** with eligibility to join **NISER** colleges
- Received **7th** KYU of Martial Arts from **All India Karate do Federation-Indian Olympic Association**
- Senior Executive eSummit'18 : Managed several workshops and events and **hosted pre-summit event at Lucknow**