



**Zahid Ahmed**  
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**B.Tech**  
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## EDUCATIONAL QUALIFICATIONS

Examination	Year	CPI/%	University	Institute
Graduation	2020	8.28	IIT Bhubaneswar	IIT Bhubaneswar
Intermediate/+2	2016	98.3	Board of Intermediate Education, Telangana	Narayana Junior College
Matriculation	2014	9.8	Board of Secondary Education, Andhra Pradesh	Montessori High School

## ACADEMIC ACHIEVEMENTS

- Ranked in top 0.4% out of the 1.6 million candidates in the IIT-JEE(AIR 6101)
- Regional Winner of Sweden-India Nobel Memorial Quiz.
- Finalist at Helios, a case-study competition conducted by Xavier Institute of Management, Bhubaneswar.
- Recipient of MESCO Talent Search Scholarship.
- Runner-up of ICICI stock market trading challenge.

## WORK EXPERIENCE

### Quantitative Trader/Partner, Hedge Fund

[Nov 2021 - present]

- Helped to setup a trading desk, research and execute high alpha strategies with a focus on energy markets.

### Junior Trading Analyst, Cobblestone Energy, Dubai

[Apr 2021 - Oct 2021]

- Involved in trading of electricity contracts operating in UK markets.

### Quantitative Researcher, SGFC Switzerland

[July 2020 - March 2021]

- Responsible for creating and backtesting Machine Learning based trading strategies on US Equity markets.

### Summer Research Intern, IIM Ahmedabad

[May 2019 - July 2019]

- Analyzed the demographic data of all the Indian districts, and computed a segregation score for each district which was further used for correlation analysis involving the urbanization and literacy rates.
- Created a data visualization of the most populous cities that existed in the Indian subcontinent.

## KEY PROJECTS

### NLP-based Market Trading System

- Created a trading strategy that uses the sentiment analysis on news articles to take a position in the market. Textblob and NLTK natural language processing libraries were used to get the polarity, subjectivity, and other sentiment metrics for each news article.

## Stock Market Trend Prediction using Machine Learning

- Created a workflow that takes a list of stocks and backtesting period as input and returns the accuracy of the various classifier models on the data. (Logistic Regression, Random Forest Classifier, Support Vector Machine Classifier, and an ANN classifier were used.) Model optimization and the selection were done using GridSearch cross-validation method.

## Product Review - Sentiment Analysis

- A dataset containing a mobile phone reviews from customers on Amazon's e-commerce platform was used to train classification models of Logistic Regression, SVM, MLP, and one-dimensional CNN. The raw text was vectorized using bag-of-words and TFIDF models and the resulting accuracy was compared.

**GitHub link:** <https://github.com/trader-short>

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## SKILLS

- **Programming Languages:** Python, MATLAB, Javascript, HTML, CSS, SQL, R
- **Software Packages:** Tableau, Alteryx
- **Operating Systems:** Windows, Linux
- **Microsoft Office Tools:** Word, PowerPoint, Excel
- **Proficient in Software Libraries:** Numpy, Pandas, Scikit learn, Keras, Tensorflow, NLTK, TextBlob, Matplotlib
- **Backtesting Platforms:** Interactive Brokers, Quantopian, IbridgePy
- **Areas of Interest:** Quantitative Finance, Natural Language Processing, Machine Learning, Management Consulting, Business Development

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## POSITIONS OF RESPONSIBILITY

### Co-organizer, TEDxIITBhubaneswar

- Successfully conducted the second edition of TEDxIITBhubaneswar with a multidisciplinary six-speaker lineup, making it an engaging and enriching experience for all the attendees.
- Got **total views of 200K+** for the edition on the TEDx YouTube channel.  
<https://www.ted.com/tedx/events/32447>

### Lead Organizer, HackAR

- Organized a national level hackathon in association with **Software Technology Parks of India (STPI)**, Bhubaneswar.
- Led a marketing team of eight members to get participation **from 50+ institutes** from across the country.
- Conceptualized and formulated the problem statements for 3 rounds with prize money in excess of **INR 1.5 lakhs**.
- Established a long term funding and mentorship program for the selected teams with **Virtual and Augmented Reality Centre of Excellence (VARCoE)**, IIT Bhubaneswar.

### Marketing Coordinator, Wissenaire

- Spearheaded **a team of 30 people to raise corporate funds in excess of INR 20 lakhs** for the annual techno-management fest of the college.
- Secured media partnership with **The Indian Express, Sambad, and Odisha TV** generating **print space worth INR 5 lakhs**.
- Managed the on ground publicity campaign and effectively represented the interest of **8 sponsors in front of footfall in excess of 1000 students**.

### Volunteer, CRY (Child Rights and You)

- Assisted in a fundraiser to support the education of the underprivileged children in West Bengal.
- Publicized the campaign on various social media platforms and got around 54 people to contribute to the cause.