



**Zahid Ahmed**  
**Metallurgical Engineering and Materials Science**  
**Indian Institute of Technology, Bhubaneswar**

**mza10@iitbbs.ac.in**  
**B.Tech**  
**Contact No. +91 8919147131**  
<https://trader-short.github.io/zahid>

## 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

- Regional Winner of Sweden-India Nobel Memorial Quiz.
- First place at Helios, a case-study competition conducted by Xavier Institute of Management, Bhubaneswar.
- Received MESCO Talent Search Scholarship.
- HOLT valuation challenge by Credit Suisse(reached final stage).

## WORK EXPERIENCE

**Founding Partner, FNØT Energy** [April 2022 - April 2023]

- Worked on establishing an energy trading desk for UK markets. Co-ordinated the development of analytical tools and applications from scratch.

**Trader/Analyst, Cobblestone Energy,** [Apr 2021 - Mar 2022]

- Involved in pricing short-term electricity contracts of UK Intraday market. Initiated the set-up for algorithmic trading and entry into France electricity markets.

**Quantitative Analyst, SGFC Family Office** [July 2020 - Mar 2021]

- Responsible for analyzing and backtesting new trading strategies/indicators in the equity markets. Improved existing algorithms using ML and contributed in the automation of trading desk.

**Summer Research Intern, IIM Ahmedabad** [May 2019 - July 2019]

- Worked with Prof.Chinmay Tumbe of Economics Department. Analyzed the demographic data of all the Indian districts, and computed a segregation score for each district which was further used for correlation analysis

## 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.

## QR Code Generator

- Designed a web application to create QR code for URL, which could be used by businesses to improve their site's accessibility.

<https://trader-short.github.io/QR-code-website/>

## 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.

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

---

## SKILLS

- **Programming Languages:** Python, MATLAB, SQL, Javascript, HTML, CSS, 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, Machine Learning, Management Consulting.

---

## 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.