

# Mohammad Zohair

UNDERGRADUATE STUDENT · RESEARCHER

Sector-43, Gurgaon, Haryana, 122009

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## Summary

Committed student with 24+ weeks of research experience in Machine Learning and Natural Language Processing. Proficient in crafting innovative AI solutions and honing strong analytical skills. Excellent interpersonal, oral, and written communication abilities foster effective collaboration and presentation. Eager to contribute to AI innovation and research, I aspire to make a meaningful impact in this transformative field.

## Education

### Jamia Millia Islamia

New Delhi, India

BACHELOR OF TECHNOLOGY IN COMPUTER ENGINEERING

2020 - Present

- **Cumulative Performance Index (CPI):** 9.50
- **Relevant Courses:** Data Structures, Analysis and Design of Algorithms, Operating Systems, Database Management System, System Software, Object Oriented Programming, Software Engineering, Embedded Systems, Compiler Design

### Amity International School

Gurgaon, Haryana, India

ALL INDIA SENIOR SECONDARY SCHOOL CERTIFICATE EXAMINATION

2018 - 2020

- **Percentage:** 96.6
- School Topper in the subject of English
- Among the Top 10 Students of the school in the academic year
- Received a 2-Year Academic Scholarship from the Haryana Government on the basis of merit in the National Talent Search Examination

### Amity International School

Gurgaon, Haryana, India

ALL INDIA SECONDARY SCHOOL EXAMINATION

2016 - 2018

- **Percentage:** 96.6
- School Topper in the subject of Social Sciences with a perfect score(100)
- Among the Top 10 Students of the school in the academic year
- Silver Medalist in Rashtriya Hindi Olympiad (National Hindi Olympiad), organized by the Hindi Vikas Manch, New Delhi
- Conferred with the Best Position Paper in the European Union Committee at the Model United Nations(MUN)

## Work Experience

### Indian Institute of Technology, Indore

Remote

RESEARCH INTERN

Jun. 2023 - Present

- Under the supervision of Professor Chandresh Kumar Maurya at the AI Lab, IIT Indore
- **Keywords:** Audio-Text Data, Natural Language Processing, Speech Recognition, Web-Scraping

### Indian Institute of Information Technology, Allahabad

Remote

SUMMER RESEARCH INTERN

Jun. 2022 - Aug. 2022

- Under the supervision of Dr. Sonali Agarwal, in association with the Big Data Analytics Lab, IIIT Allahabad
- **Project:** Severity prediction of diabetic patients for binary and multi-class classification using machine learning approaches
- **Keywords:** AI in Healthcare, Artificial Neural Networks, Support Vector Machines, Model Fusion

### Indian Institute of Information Technology, Lucknow

Remote

SUMMER RESEARCH INTERN

Jun. 2022 - Aug. 2022

- Under the supervision of Dr. Muskaan Singh, at the Centre for Data Science and Artificial Intelligence, IIIT Lucknow
- **Project:** Classification of COVID-19 Vaccination tweets
- **Keywords:** Transformer Models, BERT, RoBERTa, XINet, Ensemble Learning

## Skills Summary

**Technical Skills:** Machine Learning, Artificial Neural Networks, Natural Language Processing, Transformers, Large Language Models, Data Analytics, Web Scraping

**Languages/Frameworks:** C/C++, Python, Octave, MATLAB, HTML, CSS, Bash, SQL, Numpy, Pandas, Matplotlib, Seaborn, Scikit, PyTorch, Selenium, BeautifulSoup

**Tools:** Git/GitHub, VS Code, Jupyter, Google Colab, Intel Quartus Prime

## Honors and Certifications

### HONORS

2022	<b>Finalist</b> , Smart India Hackathon	Gujarat, India
2022	<b>Participant</b> , Adobe Analytics Challenge	Remote
2022	<b>Participant</b> , 6th Summer School by CVIT, International Institute of Information Technology, Hyderabad	Remote
2021	<b>Pre-Finalist</b> , e-Yantra Robotics Competition, Indian Institute of Technology, Bombay	Remote
2022	<b>Participant</b> , Google Hashcode	Remote

### CERTIFICATIONS

2022	<b>Stanford's Machine Learning Course by Andrew NG</b> , Coursera
2022	<b>Data Visualization</b> , Kaggle
2022	<b>Pandas</b> , Kaggle
2022	<b>Python</b> , Kaggle
2022	<b>Introduction to Artificial Intelligence</b> , Simplilearn
2022	<b>Introduction to Python Programming</b> , Udemy

## Publications

### 7th Workshop on Social Media and Mining for Health Applications

Gyeongju, Republic of Korea

29TH INTERNATIONAL CONFERENCE ON COMPUTATIONAL LINGUISTICS (COLING)

Oct. 2022

- Research paper featuring 'An Ensembles Approach for self-reporting of COVID-19 Vaccination Status Tweets' included in the Proceedings
- Released in the ACL (Association for Computational Linguistics) Anthology (<https://aclanthology.org/2022.smm4h-1.34>)

## Societies and Volunteer Experience

2023-	<b>Vice Chairperson</b> , IEEE JMI	New Delhi, India
2022-23	<b>Head, Content Team</b> , IEEE JMI	New Delhi, India
2022-23	<b>Head, Operations Team</b> , The Web3-Chain Society, JMI	New Delhi, India
2021-22	<b>Member, Content Team</b> , IEEE CS JMI	Remote
2022	<b>Member, Organizing Team</b> , TEDx Jamia Millia Islamia	New Delhi, India

## Extracurricular Activity

### Inter-Faculty Badminton Tournament-2023, JMI

New Delhi, India

RUNNER UP

Mar. 2023

- Finished as the Runner-Up in the Inter-Faculty Badminton Tournament, among all the competing faculties across the university

### Intra-Faculty Badminton Tournament-2023, Faculty of Engineering and Technology, JMI

New Delhi, India

WINNER

Feb. 2023

- Finished as the Winner in Badminton Men's Singles Championship under the Intra-Faculty Sports Tournament, organized among various departments of the faculty

### Student Council, Amity International School

Gurgaon, Haryana, India

HOUSE SECRETARY

2019 - 2020

- Gained leadership, team management, and other necessary skills for working successfully in an organization
- Organized a large number of events as a part of the team

### Student Council, Amity International School

Gurgaon, Haryana, India

VICE HOUSE SECRETARY

2018 - 2019

- Gained valuable experience of serving at a position of responsibility and working towards the goals of the organization