

MUHAMMAD ZAIN UL ABEDIN

+92-3282088533 • zainulabedin121zain@gmail.com

• <https://www.linkedin.com/in/zain-ulabedin>

Education

Ned University of Engineering and Technology	Karachi, Pakistan
Bachelor of Computer and Information Systems Engineering	October 2020 – Present
Adamjee Govt. Science College	Karachi, Pakistan
Intermediate Education	2018-2020

Professional Experience

NCL - NCAI (NEDUET) - Intern	March 2023 - April 2023
Neurocomputation Lab of National Centre of Artificial Intelligence (NEDUET)	
<i>Computer Vision:</i>	
- Worked on a computer vision project the uses deep learning approaches to classify scuffed and damaged bottles.	
- Built the algorithm on top of TensorFlow, Pandas from Python with an accuracy of 93%.	

Academic Experience

Weather Prediction (Machine Learning)	July 2023
Weather prediction project using machine learning that predict weather on some parameters like temperature, pressure etc.	
<i>Built Data frame and preprocessed the Data set</i>	
- Used Logistic Regression, Random Forest and Multi-layer perceptron (ANN algorithm) to build different prediction models.	
Books Studio	January 2023
A Book Reading Web application with Music library and searching Platform.	
<i>Developed Backend and Integrate with Frontend</i>	
- Used Plain HTML, CSS and JavaScript for Frontend and Django as Backend Framework which allows user to Search or Upload Books/Music to their library/playlist.	
BNS Estates	June 2022
A Real Estate Desktop Application Using Python	
- Used Python programming language. PyQt5 and Qt -Designer used for developing frontend.	

Personal Projects

- Spam Email Detection: Leveraging machine learning to identify and filter out unsolicited emails, enhancing email security.
- Fake News Detection: Utilizing artificial intelligence to analyze and identify misinformation in news articles for improved media credibility.
- Rock Vs Mine Prediction: Developing a machine learning model to distinguish between rocks and mines using acoustic signals, enhancing underwater object detection.
- Movie Recommendation System: Creating a personalized movie recommendation system based on user preferences and behavior, enhancing the entertainment experience.

Additional

- *Technical Skills:* Python, HTML, CSS, JS, TensorFlow, Pandas, Power Bi, MySQL, Django & DRF, MS Excel, MS Word
- *Certifications:* Machine Learning Specialization (DeepLearning.AI, Coursera, Stanford CPD, UVM)
- *Interests:* Data Science/Data Analytics, Machine Learning, AI
- *Language:* English, Urdu