

# Salar Ahmed Abbasi

## Computer Scientist

As a passionate Computer Scientist fueled by an unwavering passion for mathematics, I am dedicated to leveraging the power of programming and data analysis to unravel complex problems and uncover valuable insights. I thrive on the challenge of applying mathematical principles to real-world scenarios, driving innovation and pushing boundaries in the fields of Data Science, Data Analysis, and Machine Learning.



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## SKILLS

- Python
- NumPy
- Pandas
- Scikit-Learn
- Seaborn
- Plotly
- Matplotlib
- Databases
- SQL
- SQLite3
- IBM DB2
- Data Wrangling
- Data Analysis
- Data Visualization
- Machine Learning

## INTERESTS

Programing

Badminton

Geopolitics

Economics

## EDUCATION

### Computer Science

NUST SEECS

08/2020 - 30/08/2023,

### A-Levels

Beaconhouse School System

08/2017 - 08/2019,

## WORK EXPERIENCE

### Intern

Bitnine Co Ltd

2023 - 2023,

Contributed remotely to the development of a Python-based Data Migration Desktop Application, facilitating seamless transition from DB2 to PostgreSQL.

Contact: Nandhini Jayakumar - Nandhini.j@agedb.io

Seoul, South Korea

### Co-Founder

ZHS

2018 - 2020,

Co-Founded a welfare Organization with aims of motivating students while simultaneously focusing on physical and mental health concerns.

Islamabad, Pakistan

### Intern

Ideas Foundation

2018 - 2019,

An NGO with the aim of helping the underprivileged in all ways possible.

Contact: Muhammad Talha Azhar - +92 332 8725511

Islamabad, Pakistan

## PROFESSIONAL CERTIFICATES

IBM Data Science Professional Certificate (IBM) - 2024

Demonstrating proficiency in data science through completion of comprehensive 10-course IBM program

Artificial Intelligence (PIAIC) - 2022

Acquired knowledge in AI, Machine Learning, Deep Learning, and Computer Vision through PIAIC program.

## PERSONAL PROJECTS

NavigatAR: Indoor Navigation using Augmented Reality

A Unity based project that enables users to navigate inside a building, currently implemented in SEECS, NUST.

Anti-Cheating System

Python based Deep Learning project that used ResNet50 to detect suspicious movement of students during examination.

Hand Gestures to control Media Player

Made a project in Python using image processing to control a media player through Hand Gestures.

Image Classification

Used Deep Learning to make a project that can classify images of individuals into Extroverts, Introverts and Ambiverts. Computational Neural Networks, Support Vector Machines and Logistic Regression along with image filtering were used.