

# SYED NAMEER ALI

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## Education

Institute of Business Administration (IBA), Karachi.  
Graduating student of Bachelor of Computer Sciences.

2019 - 2023

Dehli Govt. College, Karachi.  
Intermediate in Pre-Engineering.

2015 - 2017

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## Internship Experience

### Folio3 Pvt. LTD – AI Intern

July 2022 – August 2022

- Acquired hands-on experience in Machine Learning pipelines, including data preprocessing, feature selection, and model evaluation, as well as different domains of AI, such as computer vision and natural language processing (NLP).
- Developed a number plate detection system using computer vision, demonstrating practical application of ML and AI knowledge.

### Siddiq Memon Foundation – Social Intern

March 2022 – June 2022

- Responsible for the social media engagement and content on the Instagram page for the organization, leading to an increased follower count of 70% in two months.

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## Certifications

- Datacamp:** Introduction to SQL, Introduction to Python, Intermediate Python, Introduction to Data Science in Python.
- Coursera:** AI for Everyone by Deep Learning.AI.
- Netacad:** CISCO-CCNA: Introduction to Networking.

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## Projects

### Human Resource Management System – Final Year Project

- Developing a HRMS system with a resume parsing feature and an automated testing system using NLP algorithms.
- The project aims to optimize hiring process by improving candidate pool quality and diversity, while reducing time and effort required.

### Number Plate Detection System – Folio3

- The project aims to detect number plate of a vehicle in an image or video and extract the number plate text using Optical Character Recognition (OCR).
- Used yolov5 for number plate detection, EasyOCR and a Custom OCR model for text recognition.

### Kaggle – Pakistan's Largest E-Commerce Dataset

- Analyzed best-selling categories in terms of the year, revenue, quantity, and payment methods.
- Used NumPy, and Pandas for data handling and Matplotlib, seaborn, and plotly for data visualization.

### JavaTex – A desktop utility for latex users

- Developed a simple java utility application to ease the use of latex for beginners.

### Hospify – A B2B health web application software

- Developed a web app using MERN stack that helps healthcare providers to improve patient care and streamline administrative tasks, typically accessed by healthcare professionals and staff.

### Boids – Flock Simulation

- Designed and developed a boids flock simulation using JavaScript, showcasing skills in OOP and algorithms for real-time simulation.
- Utilized separation, alignment, and cohesion concepts to create realistic flocking behavior in a JavaScript simulation of birds, fish, or other animals.

### GameEmulator – Game Application

- Designed a java-based game emulator with games like Connect 4, Scrabble, and Tic Tac Toe.
- Implemented all concepts of OOP, with Microsoft access database and UI using Java Swing and JavaFX.

### ZFoneBook – A phonebook Application

- Designed a simple phone book application to represent linked list data structure.
- The application is built on java with its interface on JavaFX.

### Socket Programming – TCP/UDP Messaging Application

- Designed a messaging application using TCP/UDP protocol.
- The application is eligible to be used as a daily messaging application.

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## Skills

- Languages:** Java, Python, C, SQL, LaTeX.
- Libraries/Framework:** SpaCy, NumPy, Pandas, fastAPI, Matplotlib
- Operating System:** Windows, Linux.
- Database Systems:** Oracle, MySQL, MongoDB, AWS S3.
- Other Skills/Tools:** Git, Microsoft Power BI, Tableau, KNIME, CISCO Packet Tracer.