Salman Shah
Associate Data Scientist

Computer Engineer with a knack for AI/ML

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EDUCATION

BS (Computer Engineering)
National University of Computer and Emerging Sciences
08/2017 - 06/2021
Courses

- Linear Algebra
- Probability & Statistics
- Data structures & Algorithms
- Machine Learning
- Multivariable Calculus
- OOP
- Fundamentals of Databases

PERSONAL PROJECTS

Smart Doorbell System (08/2020 - 06/2021)
- Face recognition using OpenCV to unlock the solenoid gate

Solution to the Dining Philosopher's problem (05/2020)
- Use of Multiprocessing via threads, semaphores, and Mutexes to achieve the solution

Password-Based Door Locking System (8051 Assembly) (2019)

Traffic Light Control System (Sequential Logic) (2019)

Ride Hailing Service (C++) (2018)
- Developed a fully-functioning real time ride hailing service written in C++. Graphs were implemented using Prim's spanning tree algorithm and Dijkstra's SPF algorithm

Student Grade Management System (C++) (2018)

WORK EXPERIENCE

Teaching Assistant
FAST
01/2021 - 06/2022
Achievements/Tasks

- Creating and Checking assignments
- Management of students' marks of assignments and quizzes
- Maintaining the course file
- Keeping office hours to address the concerns of student

SKILLS

C / C++   SQL   ASSEMBLY   PYTHON   Machine Learning   Operating Systems   WSL LINUX   DBMS   JavaScript   HTML/ CSS   ASP.NET   UBUNTU   Embedded Systems   Microsoft Excel   Microsoft Word   Microsoft Powerpoint   Deep Learning   MATLAB   TENSORFLOW   KERAS   NEURAL NETWORKS

ORGANIZATIONS

Association for Computer Machinery (07/2019 - 06/2020)
Event Coordinator

Institute of Electrical and Electronics Engineers (08/2020 - 06/2021)
Successfully co-lead a team of 50 people to conduct a technology related competition catering to 200+ participants.

CERTIFICATES

Complete Machine Learning & Data Science Bootcamp 2022 (03/2022 - Present)
Udemy

LANGUAGES

ENGLISH
Full Professional Proficiency

URDU
Full Professional Proficiency

INTERESTS

DEEP LEARNING   MACHINE LEARNING   PROBABILITY   STATISTICS   CRICKET   SONGS   MOVIES