Adeeb Ahmed Khan

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Gender: Male **Date of birth:** 13/10/2000 **Nationality:** Pakistani

WORK EXPERIENCE

[10/02/2022 – Current]

Computer Science Teacher

Unique Group of Institutions

City: Lahore
Country: Pakistan

1. Designing lesson plans and delivering lectures on computer programming, algorithms, data structures, and computer systems.
2. Developing assignments and projects to help students apply their knowledge and skills in real-world scenarios.
3. Creating and grading exams to assess students' comprehension of the material.
4. Providing one-on-one assistance to students who require additional support.
5. Staying up-to-date with the latest advancements in computer science and integrating them into my teaching.

[01/01/2023 – 01/05/2023]

Computer Science Lecturer

ASPIRE Group of Colleges

City: Lahore
Country: Pakistan

1. Taught undergraduate computer science courses such as Programming, Algorithms, Data Structures, Database Systems, and Computer Networks.
2. Developed course materials including syllabi, lecture slides, assignments, and exams.
3. Provided individualized support and guidance to students during office hours and via email.
4. Mentored and advised students on their academic and career goals.

EDUCATION AND TRAINING

[10/2021 – Current]

Bachelor's in Computer Science (Hons)

National College of Business Administration and Economics ncbae.edu.pk/

City: Lahore
Country: Pakistan

[09/2018 – 09/2020]

Associate Degree in Computer Science

The Superior College Lahore https://www.superiorcolleges.edu.pk/

City: Lahore
Country: Pakistan

[15/06/2022 – 16/09/2022]

Machine Learning Specialization

Coursera

Link: https://coursera.org/share/bd75ac6d278c643deb678c6509d2e823

[10/03/2023 – 10/08/2023] **Mathematics for Machine Learning and Data Science Specialization**

Coursera

Link: https://coursera.org/share/862d53502e9f0769fa406a164419d499

[10/12/2022 – Current] **Deep Learning Specialization**

Coursera

LANGUAGE SKILLS

Mother tongue(s): Urdu (National language) , Punjabi

Other language(s):

English

LISTENING B1 **READING** B1 **WRITING** B1

SPOKEN PRODUCTION B1 **SPOKEN INTERACTION** A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Skilled in C, C++, Python programming | Deep Learning frameworks: Pytorch, Tensorflow, Keras | Advanced Googling | Microsoft Office

PROJECTS

Handwritten digits recognition

Developed an effective supervised learning algorithm from the ground up for accurate recognition of handwritten digits (0-9). Utilized Python programming language for code development and leveraged the power of Google Colab cloud platform for efficient project execution. Implemented the gradient descent algorithm for model training. Also used the Tensorflow to implement the same model.

Image Classification System

Built a neural network with one hidden layer from scratch to classify cat pictures and non-cat pictures. Each part of the neural network including forward propagation, backward propagation, and parameters update has been done by coding from scratch to gain a thorough understanding of its operations.