School of Continuing and Lifelong Education
(SCALE)
Faculty of Engineering

NUS
National University
of Singapore

8 November 2021

To Whom It May Concern:

Subject: Student Evaluation Report for **AI and Machine Learning for Youth Innovators**

It is my pleasure to confirm that **SAHIL SHAIKH** has completed the **AI and Machine Learning for Youth Innovators** successfully. The online programme was hosted by the School of Continuing and Lifelong Education (SCALE) in collaboration with the Faculty of Engineering, National University of Singapore.

This programme was conducted from **3rd July 2021 to 11th September 2021** as sub module/ part of Corporate Gurukul's **AI Internship for Young Achievers (AIYA).**

The programme helps pre-university students to gain skills in Artificial Intelligence and Machine Learning. The pedagogy includes online recorded sessions, live practice sessions and tutorials, graded team assignments, quiz, team projects and evaluation.

The topics covered during the programme were:

Concepts	Hands-On
• Introduction to Data Science & Statistical Thinking • Requisite Software Installation • Learning Python	• Python Examples
• Introduction to Machine Learning (ML) • Case Studies • ML - Linear Regression Model	• Linear Regression Exercise
• Machine Learning – Decision Trees	• Iris Decision Tree Exercise
• Machine Learning – Support Vector Machines	• Scikit learn SVM Exercise
• Neural Networks and Deep Learning	• Neural Network-NLP Exercise

During the programme, the student fully participated in the online recorded and live sessions, demonstrating competencies in the areas assessed. The student also presented a group project applying useful ideas, insights and key concepts learned in the programme to solve a business problem using Artificial Intelligence and Machine Learning.

The detailed performance report is included in the Annex A.

We wish the student the very best in all future endeavors.

Yours Sincerely,
Prof Mehul Motani
Department of Electrical & Computer Engineering, Faculty of Engineering

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Annex A

Programme Name: AI and Machine Learning for Youth Innovators

Programme Dates: 3 July 2021 to 11 September 2021 (33 contact hours)

Hosted Online by: NUS School of Continuing and Lifelong Education (NUS SCALE) in collaboration with Faculty of Engineering, National University of Singapore (NUS)

SAHIL SHAIKH has successfully completed the online programme which comprised a series of lectures and discussions, as well as an individual assessment and team project on AI and Machine Learning using cloud computing and other industry relevant tools.

Individual Assessment	**Merit**
Presentation	**Merit**

Overall Grade:	**Merit**

A fail *is given when the participant has not met the programme's objectives. The participant missed to attend all courses, to show enough effort and achievement in both academic and teamwork sessions.*
A pass *is given when the participant has met the objectives and reached the expected outcomes. The participant has completed the whole programme, submitted projects in due time and showed sufficient understanding of each topic.*
A merit *is awarded when the participant has fully participated in the course, both in academic and teamwork sessions. The participant has taken part in a team project and has contributed to the presentation of the project.*
A distinction *is awarded when a participant has taken a leading role in the course, has been interactive and has demonstrated a high capacity to understand and converse in English. This is a special award for outstanding performance and an encouragement to others.*

This programme was delivered in English online with 18 lecture hours and 15 hours of facilitated group instruction.