

HES - Volunteering Program Verification Form

This form is to be used to document volunteering hours. If a student volunteers for multiple organizations, a separate form must be used for each organization. **This form must be turned in by the 28th of each month, the latest.**

I certify that the scholar Jawad Youness completed a total of 5 hours of service at InnovaThrive.

The hours were completed hours as per the below:

Hours # 0 (date) _2/12 – 6/12_ (initials of supervisor) __A.K. __

Hours # 0 (date) _9/12 – 13/12_ (initials of supervisor) __A.K. __

Hours # 0 date) _16/12 – 20/12 (initials of supervisor) __A.K. __

Hours # 5 date) _23/12 - 27/12 (initials of supervisor) __A.K. __

Brief description of the activities the scholar performed or participated in:

The Role of AI in Combating Global Food Waste

Definition: Exploring how AI can reduce food waste across production, distribution, and consumption stages.

Technologies:

Predictive analytics for supply chain optimization.

AI for tracking expiration dates and surplus inventory.

Applications:

Automating redistribution of surplus food to shelters.

AI-powered apps for consumers to track food freshness.

Statistics: Reduction in food waste by 30% in AI-optimized supply chains.

Advantages:

Cost savings for producers and retailers.

Improved food security for underserved populations.

Disadvantages:

Limited adoption in low-resource regions.

Challenges:

Addressing logistical barriers in food redistribution systems.

Future Research:

AI in scaling sustainable food production practices.

Enhancing AI's role in predicting seasonal surpluses

Written feedback about the scholar's performance:

Jawad Youness' exploration of AI in combating food waste was well-researched, providing practical applications and demonstrating AI's role in reducing waste across supply chains.

Please rate the overall performance of the scholar at your organization:

	Mastery (5)	Proficient (3)	Emerging (1)
Problem solver	X		
Engaged & Committed	X		
Open-minded & multicultural	X		

Signature & stamp Andrew El Kahwaji

Printed Name Andrew El Kahwaji

Date 26/12/2024

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CEO of InnovaThrive