

# Verified Certificate



A handwritten signature in black ink.

David J. Malan

Gordon McKay Professor  
of the Practice of Computer Science

*Harvard University*

This is to certify that

**Abdelrahman Mohamed Moustafa Mahmoud  
Hassanein**

successfully completed and received a passing grade in

**CS50x: CS50's Introduction to Computer Science**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University.



Verified Certificate  
Issued August 25, 2025

Valid Certificate ID  
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