Professional
Certificate

HarvardX

This is to certify that

Abdelrahman Mohamed Moustafa Mahmoud Hassanein

David J. Malan

David J. Malan
Gordon McKay Professor of the Practice of Computer Science
Harvard University

successfully completed all courses and received

passing grades for a Professional Certificate in

Computer Science for Python Programming

a program offered by HarvardX, in collaboration with edX.

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PROFESSIONAL CERTIFICATE
Issued September 2025

VALID CERTIFICATE ID
53b6b6108c15469db9afc8179ef009e5