

VERIFIED

CERTIFICATE *of* ACHIEVEMENT



A handwritten signature in black ink, appearing to read "David J. Malan".

David J. Malan

Gordon McKay Professor
of the Practice of Computer Science

Harvard University

This is to certify that

Elmar Karimov

successfully completed and received a passing grade in

CS50: CS50's Introduction to Computer Science

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



VERIFIED CERTIFICATE
Issued January 21, 2020

VALID CERTIFICATE ID
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