

CS50 Certificate

CS50 congratulates

Hafsa Asude Alaparmak

on completion of CS50x, including nine problem sets and one final project.

Awarded from Cambridge, Massachusetts,
in the year two thousand twenty.



David J. Malan

Gordon McKay Professor of the Practice of Computer Science
Harvard University



<https://cs50.harvard.edu/certificates/6a82d36b-4f6f-4c79-a9a3-218d000a1ae4>

