

CS50 Certificate



CS50 congratulates

**Youssef Guindy**

whose team solved 5 out of 9 puzzles in CS50x Puzzle Day 2022.

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

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



<https://cs50.harvard.edu/certificates/d5947d6a-76f0-45c0-8862-37ab247dbc11>