

CS50 Certificate



CS50 congratulates

Emad Bayramy

whose team scored among the highest in CS50x Puzzle Day 2019.

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

A handwritten signature in black ink, appearing to read "David J. Malan", written over a light gray grid background.

David J. Malan

Gordon McKay Professor of the Practice of Computer Science
Harvard University



<https://cs50.harvard.edu/certificates/9aa44ae1-7255-40f0-9e8d-c3c7f5ba7eec>