

CS50 Certificate



CS50 congratulates

Hamza Shoaib

whose team solved 9 out of 9 puzzles in CS50x Puzzle Day 2025.

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

A handwritten signature in black ink, which appears to be "David J. Malan".

David J. Malan

Gordon McKay Professor of the Practice of Computer Science
Harvard University



<https://cs50.harvard.edu/certificates/54cf4ee5-0e78-41f1-9bfb-0787e4477f75>