

CS50 Certificate

CS50 congratulates

**Joanna Moussa**

on completion of CS50's Web Programming with  
Python and JavaScript, including six projects.

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



**David J. Malan**

Gordon McKay Professor of the Practice of Computer Science  
Harvard University



<https://cs50.harvard.edu/certificates/d8c81600-31b8-4d5f-a3d0-b330eb412f25>

