

CS50 Certificate

CS50 congratulates

**Ibrahim Ghellab**

on completion of CS50's Introduction to Programming with  
Python, including nine problem sets and one final project.

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



**David J. Malan**

Gordon McKay Professor of the Practice of Computer Science  
Harvard University



<https://cs50.harvard.edu/certificates/d6cf1c57-91e6-4e0d-ab09-2af5341cb95d>

