

CS50 Certificate

CS50 congratulates

**Oleg Ruchkin**

on completion of CS50x, including ten  
problem sets, ten labs, and one final project.

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



**David J. Malan**

Gordon McKay Professor of the Practice of Computer Science  
Harvard University



<https://cs50.harvard.edu/certificates/b51eed63-1795-4a8b-82fc-257d684616a2>

