

CS50 Certificate

CS50 congratulates

**Christian Knab**

on completion of CS50's Introduction to Artificial Intelligence  
with Python, including twelve projects and seven quizzes.

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/489b2c26-90e6-47f0-9a35-a48d3749197a>

