

CS50 Certificate

CS50 congratulates

**Renata Barcelos Leão**

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

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



**David J. Malan**

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<https://cs50.harvard.edu/certificates/845c4f14-ad20-48f5-b41e-bf6a0bf69efe>

