



# CERTIFICATE *of* ACHIEVEMENT



A handwritten signature in black ink, appearing to read 'David J. Malan'.

**David J. Malan**

Gordon McKay Professor  
of the Practice of Computer Science  
*Harvard University*

This is to certify that

# Wesley Roach

successfully completed and received a passing grade in

**CS50x: Introduction to Computer Science**

a course of study offered by HarvardX, an online learning  
initiative of Harvard University through edX.

VERIFIED CERTIFICATE  
Issued December 31st, 2014

Verify the authenticity of this certificate at  
<https://verify.edx.org/cert/5600f41d279b4d539a2901ea2d7a5fdf>