

# HONOR CODE CERTIFICATE



**David J. Malan**

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

**Manannikov Pavel Alexandrovich**

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.

HONOR CODE CERTIFICATE  
Issued December 31st, 2014

Verify the authenticity of this certificate at  
<https://verify.edx.org/cert/5bc79a6a000947d683e6c3073ecce212>