



# CERTIFICATE *of* ACHIEVEMENT



A handwritten signature in black ink, appearing to read 'Eric L. Grimson'.

**W. Eric L. Grimson**

Bernard Gordon Professor of Medical Engineering  
Chancellor for Academic Advancement  
*Massachusetts Institute of Technology*

This is to certify that

**GASCA ANDRADE CESAR JOSUE**

successfully completed and received a passing grade in

**6.00.1x: Introduction to Computer Science and  
Programming Using Python**

a course of study offered by MITx, an online learning  
initiative of The Massachusetts Institute of Technology through edX.

A handwritten signature in black ink, appearing to read 'John V. Guttag'.

**John Guttag**

Dugald C. Jackson Professor of  
Computer Science and Electrical Engineering  
*Massachusetts Institute of Technology*

A handwritten signature in black ink, appearing to read 'Sanjay Sarma'.

**Sanjay Sarma**

Dean of Digital Learning  
*Massachusetts Institute of Technology*

VERIFIED CERTIFICATE  
Issued August 16, 2015

Verify the authenticity of this certificate at  
<https://verify.edx.org/cert/3feb681cc5c64165bb431c4e64191cdf>