

**Verified**  
Certificate



This is to certify that

**Abdallah Mahmoud Ramadan**

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.

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

**W. Eric L. Grimson**

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

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 "Krishna Rajagopal".

**Krishna Rajagopal**

Dean for Digital Learning  
*Massachusetts Institute of Technology*



**Verified Certificate**  
Issued April 2, 2021

**Valid Certificate ID**  
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