



# CERTIFICATE *of* ACHIEVEMENT



A handwritten signature in black ink.

**Alan V. Oppenheim**

Professor, Department of Electrical Engineering and  
Computer Science  
*Massachusetts Institute of Technology*

A handwritten signature in black ink.

**Thomas A. Baran**

MITx Fellow  
*Massachusetts Institute of Technology*

A handwritten signature in black ink.

**Sanjay Sarma**

Dean of Digital Learning  
*Massachusetts Institute of Technology*

This is to certify that

# Luka Popijac

successfully completed and received a passing grade in

**6.341x: Discrete-Time Signal Processing**

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

VERIFIED CERTIFICATE  
Issued June 03, 2015

Verify the authenticity of this certificate at  
<https://verify.edx.org/cert/8619d963c7cd495aac2316a1cf98a1c3>