



# CERTIFICATE *of* ACHIEVEMENT



This is to certify that

# Samuel Marks

successfully completed and received a passing grade in

## DEV201x: Introduction to TypeScript

a course of study offered by Microsoft, an online learning initiative of Microsoft through edX.

A handwritten signature in black ink, appearing to read 'N. Satya'.

**Satya Nadella**  
Chief Executive Officer  
Microsoft Corporation

A handwritten signature in black ink, appearing to read 'Anders H'.

**Anders Hejlsberg**  
Technical Fellow  
Microsoft Corporation

VERIFIED CERTIFICATE  
Issued May 18, 2015

Verify the authenticity of this certificate at  
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