



CERTIFICATE *of* ACHIEVEMENT



Dr. Phillip Laplante

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Dr. Saurabh Sinha

Vice President
IEEE Educational Activities Board

This is to certify that

Mahmoud Abduljawad

successfully completed and received a passing grade in

CloudIntro.x: Introduction to Cloud Computing

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

VERIFIED CERTIFICATE
Issued July 30, 2015

Verify the authenticity of this certificate at
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