



CERTIFICATE *of* ACHIEVEMENT



Dr. Phillip Laplante

Professor of Software and Systems Engineering
The Pennsylvania State University

Dr. Saurabh Sinha

Vice President
IEEE Educational Activities Board

This is to certify that

Franklin Efraín Pacheco Chiguano

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
<https://verify.edx.org/cert/10e7c4ebe0504c7f8e1f30b00423730b>