



CERTIFICATE *of* ACHIEVEMENT



This is to certify that

Luzian Serafin

successfully completed and received a passing grade in

CS169.1x: Software as a Service

a course of study offered by BerkeleyX, an online learning initiative of The University of California, Berkeley through edX.

VERIFIED CERTIFICATE
Issued November 20th, 2013

Verify the authenticity of this certificate at
<https://verify.edx.org/cert/5ebbf6c49c614361a13f048eaefef74a>

Armando Fox

Academic Director for Online Education and Professor
UC Berkeley

David Patterson

Pardee Professor of Computer Science UC Berkeley

Samuel Joseph

Associate Professor of Computer Science
Hawai'i Pacific University

Diana Wu

Executive Director for Online Education UC Berkeley