



CERTIFICATE
Issued Nov. 8th, 2012

This is to certify that
Mohamed Ashraf Ghazala

successfully completed
CS169.1x: Software as a Service

a course of study offered by BerkeleyX, an online learning
initiative of THE UNIVERSITY OF CALIFORNIA AT BERKELEY, through edX.

A handwritten signature in black ink, appearing to be 'A. Fox'.

Armando Fox
Academic Director for Online Education,
Adjunct Associate Professor
UC BERKELEY

A handwritten signature in black ink, appearing to be 'Diana Wu'.

Diana Wu
Executive Director for Online Education,
UC BERKELEY

A handwritten signature in black ink, appearing to be 'D. A. Patterson'.

David Patterson
Pardee Professor of Computer Science,
UC BERKELEY

HONOR CODE CERTIFICATE

*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/f1520516461d4268a325856264d62936>