



CERTIFICATE  
*Issued Nov. 8th, 2012*

This is to certify that

**Harish Narayanan**

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 read 'Armando Fox'.

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

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

Diana Wu  
Executive Director for Online Education,  
UC BERKELEY

A handwritten signature in black ink, appearing to read '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/f9132a2d8e9f4e789944089c88ed5e3a>