



CERTIFICATE
Issued May 8th, 2013

This is to certify that

pranav saraf

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**.

Handwritten signature of Armando Fox in black ink.

Armando Fox
Academic Director for Online Education
Professor In Residence
UC Berkeley

Handwritten signature of Diana Wu in black ink.

Diana Wu
Executive Director for Online Education
UC Berkeley

Handwritten signature of David Patterson in black ink.

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/f2689eada4344dd9654c610b0c50d65>