



CERTIFICATE
Issued Dec. 19th, 2012

This is to certify that

Hicham Bakir

successfully completed

CS169.2x: Advanced Software as a Service

a course of study offered by **BerkeleyX**, an online learning
initiative of **the University of California, 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/d8db082996c94de583541062ebc10a08>