



CERTIFICATE
Issued Nov. 19th, 2012

This is to certify that

Charles Ullman

successfully completed

CS188.1x: Artificial Intelligence

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,
Berkeley Resource Center for
Online Education
UC Berkeley

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

Diana Wu
Executive Director,
Berkeley Resource Center for
Online Education
UC Berkeley

A handwritten signature in black ink, appearing to read 'Pieter Abbeel'.

Pieter Abbeel
Assistant Professor
UC Berkeley

A handwritten signature in black ink, appearing to read 'Dan Klein'.

Dan Klein
Associate Professor
UC Berkeley

HONOR CODE CERTIFICATE

*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/32e167c6365d4597b546264d1c042098>