



CERTIFICATE
Issued Nov. 19th, 2012

This is to certify that

Sergey Efremov

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**.

Handwritten signature of Armando Fox in black ink.

Armando Fox
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Handwritten signature of Diana Wu in black ink.

Diana Wu
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Handwritten signature of Pieter Abbeel in black ink.

Pieter Abbeel
Assistant Professor
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Handwritten signature of Dan Klein in black ink.

Dan Klein
Associate Professor
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HONOR CODE CERTIFICATE

*Authenticity of this certificate can be verified at <https://verify.edx.org/cert/df04588edd9443d08be8a7cf591324af>