

This is to certify that

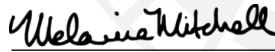
SARA VANOVA

has successfully completed the Santa Fe Institute's Massive Open Online Course

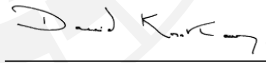
Introduction to Complexity (2017)

[.complexityexplorer.org](http://complexityexplorer.org)

May 25, 2017



Melanie Mitchell, Lead Instructor



David Krakauer, Santa Fe Institute President