

This is to certify that

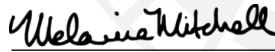
RENOIR

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

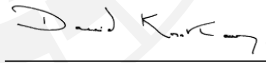
Introduction to Complexity (2017)

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

June 30, 2017



Melanie Mitchell, Lead Instructor



David Krakauer, Santa Fe Institute President