

This is to certify that

JAMES MATHESON

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

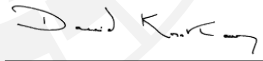
Computation in Complex Systems (Summer 2020)

computation.complexityexplorer.org

August 29, 2020



Cris Moore, Lead Instructor



David Krakauer, Santa Fe Institute President