

*This is to certify that*

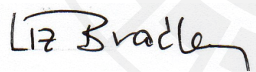
**MICHAEL MILLER**

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

**Nonlinear Dynamics: Mathematical and  
Computational Approaches (2024)**

[nonlinear.complexityexplorer.org](https://nonlinear.complexityexplorer.org)

May 31, 2024



Liz Bradley, Lead Instructor



David Krakauer, Santa Fe Institute President