

*This is to certify that*

**PATRYK KUBICZEK**

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

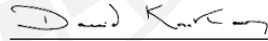
**Introduction to Agent-Based Modeling (Spring 2020)**

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

April 07, 2020



Anamaria Berea, Lead Instructor



David Krakauer, Santa Fe Institute President