

*This is to certify that*

**AZAR SHAHRAZ**

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

**Introduction to Agent-Based Modeling (2021)**

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

July 07, 2021



Anamaria Berea, Lead Instructor



David Krakauer, Santa Fe Institute President