



5 Courses

**Computational Social
Science Methods**

**Big Data, Artificial
Intelligence, and Ethics**

Social Network Analysis

Computer Simulations

**Computational Social
Science Capstone Project**



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LIVIU POENARU

has successfully completed the online Specialization

Computational Social Science

In this Specialization, learners used computational tools to understand and influenced human behavior and social dynamics. Through hands-on exercises learners web-scraped 'big' data from the internet, executed a social network analysis, found hidden patterns with machine learning and natural language processing, and created an agent-based computer simulation to explore what might happen if we could change society. This specialization draws on the expertise from 13 faculty members of all 10 campuses of the University of California, and is the first online specialization to do so.

Martin Hilbert
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