



Apr 4, 2022

James Edward Kowalik

has successfully completed

Applied Social Network Analysis in Python

an online non-credit course authorized by University of Michigan and offered through
Coursera

A handwritten signature in black ink, appearing to read 'Daniel Romero', written over a horizontal dotted line.

Daniel Romero, Ph.D.
Assistant Professor
School of Information
University of Michigan

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Verify at:
<https://coursera.org/verify/9PV2YBQTEX7N>

Coursera has confirmed the identity of this individual and their
participation in the course.