

JOSE M. CORDOVA

josemcordova.github.io

Josecordova2027@u.northwestern.edu

I am a PhD candidate studying collective intelligence, complex systems, and AI. I focus on how groups and crowds coordinate, share information, and make decisions, as well as on how intelligent systems can be designed to support human judgment.

EDUCATION

Northwestern University

PhD Technology and Social Behavior

Coursework: Advanced Topics on Nonlinear Dynamics, Social Network Analysis, Computational Social Science, Deep Learning for NLP, Deep Learning, Causal Inference, Computational Communication

Evanston, IL, USA

GPA 3.95/4.00, 2022 - Present

University of Michigan

MSc. Electrical and Computer Engineering (Signal Processing and Machine Learning)

2019- 2021

Coursework: Data Science, Probability and Random Processes, Artificial Intelligence, Information Retrieval, Information Theory

Ann Arbor, MI, USA

University of Manchester

B.Eng., Electrical and Electronic Engineering

Manchester, UK

2015 - 2019

PUBLICATIONS

Jose Cordova, Emőke-Ágnes Horvát and Daniel Romero. Timing and cross-platform presence shape the online dissemination of science. *EPJ Data Science*, 14:63, 2025 DOI: [10.1140/epjds/s13688-025-00580-8](https://doi.org/10.1140/epjds/s13688-025-00580-8)

Jose Cordova, Toma Hirose, Haohan Shi, Emőke-Ágnes Horvát and Daniel Romero. Multiplatform early predictors of academic articles' visibility and citations. *In Proceedings of the ACM Collective Intelligence Conference (CI'25)*, La Jolla, CA, USA, 2025 DOI: [10.1145/3715928.3737492](https://doi.org/10.1145/3715928.3737492)

PRESENTATIONS

Contributed Talk at ACM Collective Intelligence Conference

Multiplatform early predictors of academic articles' visibility and citations

La Jolla, CA, USA, 2025

Contributed Talk at International Conference on the Science of Science and Innovation (ICSSI)

Multiplatform early predictors of academic articles' visibility and citations

Washington, DC, USA, 2024

Contributed Talk at International Conference on the Science of Science and Innovation (ICSSI)

Timing and cross-platform presence shape the online dissemination of science

Evanston, IL, USA, 2023

Contributed Talk at International Conference on Computational Social Science (IC2S2)

Timing and cross-platform presence shape the online dissemination of science

Copenhagen, Denmark, 2023

TEACHING AND GRADING EXPERIENCE

Grader for Cultural Analytics (masters level)

Northwestern University 2023

Grader for Social Network Analysis (masters level)

Northwestern University 2023

Graduate Student Instructor for Discrete Mathematics (undergraduate level)

University of Michigan 2020

PROFESSIONAL EXPERIENCE

Northwestern University

Research Assistant

Online Information Diffusion of Scientific Articles

AI in Group Decision-Making

Evanston, IL, USA

Sep 2022 - Present

Michigan Autonomous Vehicle Research Intergroup Collaboration (MAVRIC)

Graduate Student Researcher

Measuring and Predicting Drivers' Takeover Readiness in Automated Driving.

Ann Arbor, MI, USA

Sept 2020- Dec 2021

Jaguar Land Rover

Calibration Engineer Intern

Gaydon, UK

2018

FUNDING

Technology and Social Behavior Fellowship (Year 1 and 4 of PhD)

Northwestern Institute on Complex Systems (NICO) Seed Grant: Improving social learning in the age of artificial intelligence

National Science Foundation Collaborative HCC Small Award (IIS-2133963): Science communication in the ecosystem of digital media platforms

Grupo de Alto Rendimiento Scholarship: Full undergraduate scholarship from the Government of Ecuador, awarded to the top 0.1% of graduating students.