Graduate Positions in Data Science and Network Science, Northwestern University

The research group of Professor Ágnes Horvát is looking for bright and motivated graduate students who have strong interest in pursuing research careers in the areas of Data Science, Network Science, and Computational Social Science at Northwestern University. Admitted students will work in a highly collaborative and interdisciplinary environment on innovative research in Social Network Analysis, Collective Intelligence, Crowdsourcing, Machine Learning, Mathematical and Statistical Modeling, and related topics.

Experience

We are seeking to admit students who have a rigorous scientific mindset and a proven ability to work with data. Candidates should demonstrate strong interests and relevant training/skills including:

- Completed BS degree or BS and MS degrees in Computer or Information Science, Economics, Quantitative Social Science, Mathematics, Applied Statistics, or Physics.
- Strong verbal and written communication skills in English.
- Prior knowledge of areas such as network analysis, probability and statistics, machine learning, data science, mathematical and statistical modeling, or online experiments.
- Programming skills in scripting languages (Python, Javascript, etc.) and/or experience with computational environments (R, Matlab/Octave, etc.).

Scholarship and career opportunities

Admitted students will receive a tuition waiver, medical coverage, and a yearly stipend, subject to successful academic progress and fulfillment of research and teaching assistantship responsibilities. Students will also receive the mentoring necessary to prepare them for future research careers in academia, industry, and government, including internship opportunities, expected participation in workshops and conferences, and collaboration with cutting-edge research teams.

To apply

Prospective graduate students are encouraged to send me an email with their inquiry. Candidates should apply through Northwestern’s graduate programs in Technology and Social Behavior or Media, Technology, and Society, as appropriate.

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.