



RESEARCH OPPORTUNITY: Network Visualization Internship

Course Credit:

Research Practicum registration #: 389 (COMM_ST) or
Independent Study registration #: 399-0 (IEMS)

Duration:

Winter Quarter 2017 (possibly extended to subsequent quarters)

Location:

SONIC Lab, Frances Searle Building 1-459
2240 Campus Dr.
Evanston, IL 60201

Organization Overview:

The Science of Networks in Communities (SONIC) research group advances social network theory and methodology through the development of cutting-edge techniques to understand and enable networks in diverse communities. For more information, please visit <http://sonic.northwestern.edu/about>

Internship Description:

The Network Visualization Intern will work in a research team modeling social interactions and relationships on the scales of seconds, days, and centuries. As part of the research team, the intern will help to communicate scientific results from social network analysis by constructing intuitive and appealing visualization of a wide variety of networks ranging from international scientific collaborations to interactions among astronauts. In particular, the intern will be actively involved in interpreting results and finding ways to communicate effectively the findings on both large-scale networks and small group processes to scientific, institutional, and popular audiences.

Required Qualifications:

This position is open to current undergraduates enrolled in an accredited degree-seeking program at Northwestern. Candidates must be able to demonstrate close attention to detail, proficient writing/communication skills, analytic thinking, emphasis on deadlines, and the ability to collaborate on evolving projects.

Preferred Qualifications:

The ideal candidate will have experience with Gephi, d3.js, Python and/or the R programming language. Prior experience with research and statistical visualization is highly preferred.

Application Instructions:

Please send a resume and brief cover letter describing your interest in the position to Michael Schultz (michael.schultz@northwestern.edu) in time for the 2017 Spring Quarter registration on March 31, 2017.