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

Duration:
Spring 2021 (possibly extendable to subsequent quarters)

Location:
Remote

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 Opportunities:
SONIC is excited to offer 1 internship opportunity this quarter:
- Data Science Intern (1)
- NASA Data Science Intern (1)
- Research Assistant (3)
- Social Media Research Assistant (1)

Details and descriptions for each position are below.

Requirements:
Data Science Internships are open to current undergraduates enrolled in an accredited degree-seeking program at Northwestern. Candidates must be able to demonstrate attention to detail, proficient writing/communication skills, analytic thinking, emphasis on deadlines. Many projects require candidates to have at least basic knowledge of programming or statistical software. For project specific requirements and preferences, see descriptions below.

Application Instructions:
To apply, please send your materials to the responsible person listed in the flyers below. For general questions about the internship and the SONIC research group, please contact our lab manager, Feodora Kosasih, at (feodora.kosasih@northwestern.edu). Thank you.
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Description:
We are looking for a data science intern to analyze survey data examining team size’s effect on performance for people living and working in Antarctica. There are two steps to this work, first collecting data to fine tune measures on MTurk, and second administering surveys to Antarctica personnel. The intern will help in creating and editing surveys, posting on MTurk for testing, cleaning data, and then summarizing the data with descriptive statistics and testing the team size effect with analysis of variance and regression. The successful intern will have an interest in gaining experience using online platforms such as Qualtrics XM and/or Amazon Mechanical Turk (MTurk) to administer surveys.

Required Qualifications:
This position is open to current undergraduates enrolled in an accredited degree-seeking program at Northwestern. Successful candidates typically have (1) an interest in gaining experience using online platforms such as Qualtrics XM and/or Amazon Mechanical Turk (MTurk).

Preferred Qualifications:
N/A

Application Instructions:
Please send a resume and brief cover letter describing your interest in the position to Feodora Kosasih (feodora.kosasih@northwestern.edu).
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Description:
Data science interns needed to work on human-agent teaming study. The intern will recruit and sign-up participants, schedule sessions, conduct data collection sessions, back up video and audio data, and use transcription software. Successful interns will have strong organizational and project management skills and an interest in learning how to conduct psychological experiments on small groups.

Required Qualifications:
This position is open to current undergraduates enrolled in an accredited degree-seeking program at Northwestern. Successful candidates typically have (1) a strong organizational and project management skills, and (2) an interest in learning how to conduct psychological experiments

Preferred Qualifications:
A strong preference will be given to undergraduates who have (1) data collection experience/experience working with people, and (2) interest in graduate school

Application Instructions:
Please send a resume and brief cover letter describing your interest in the position to Feodora Kosasih (feodora.kosasih@northwestern.edu).
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Description:
Social Media Research Assistant will be responsible to help manage SONIC Research Group various digital presence, including but not limited to social media, websites, and the various digital platform SONIC uses. The research assistant will need to update content on the SONIC Research Group website and publication database to meet accessibility standards, including broken links, reviewing documents (PDF), and reformatting to ensure that they are up-to-date and accessible.

Required Qualifications:
This position is open to current undergraduates enrolled in an accredited degree-seeking program at Northwestern. Successful candidates typically have a strong attention to detail and good project management skills.

Preferred Qualifications:
N/A

Application Instructions:
Please send a resume and brief cover letter describing your interest in the position to Feodora Kosasih (feodora.kosasih@northwestern.edu).