Student Research Assistant Positions at Michigan Institute for Data Science

We are seeking 1-3 students to work as research assistants for the Detroit Digital Inclusion data analytics project. Led by the Michigan Institute for Data Science (MIDAS), the research team will work closely with the Detroit data team, the city’s Connect313 initiative, and the Microsoft Airband team. Students will play an important role in analyzing many types of data to understand Detroit residents’ need for broadband access, assess the effectiveness of inclusion strategies, and examine how digital inclusion will improve the wellbeing and upward mobility of the residents.

**Position description:** This is a paid research position for a graduate student or upper level undergraduate student research assistant, who will work under the supervision of Dr. Jing Liu (MIDAS Managing Director) and Dr. H. V. Jagadish (MIDAS Director and Professor of Computer Science and Engineering). The main tasks are database development, data analytics (statistical analysis and machine learning), summarizing and visualizing results, and literature review.

**Requirements:**
- Graduate students with strong academic background in data science, statistics or computer science.
- Exceptionally strong undergraduate students with research experience are also eligible.
- Have taken courses in machine learning and statistics.
- Experience with geospatial data and / or survey data is a plus.
- Strong computer programming skills.
- Good organizational skills, attention to details, and strong work ethic.
- Good communication skills (oral and written).
- Being able to work independently when given clear instructions.
- Good problem solving skills.
- Can commit to at least 10 hours/week for at least one semester, ideally for one year.

**Start date:** ASAP.

To apply, please email ljing@umich.edu with resume.