



**A fully-funded graduate position for three years in Systems Science and Industrial Engineering (SSIE) starting Spring 2024 with competitive stipend**

Dr. Sadamori Kojaku invites applicants for graduate research assistant starting in Spring 2024 in System Sciences and Industrial Engineering at Binghamton University. We are seeking highly motivated students to explore the following topics:

- Representation learning for text and graphs
- Complex Systems and Network Science
- Biases in AIs
- Computational social sciences and the science of science.

We encourage applicants with a strong background in machine learning, engineering, mathematics, or related fields to apply. Proficiency in programming languages (Python, Julia, or R) is a prerequisite, and experience in network analysis and text/graph embeddings are highly valued.

To apply, please send the following documents to [skojaku@binghamton.edu](mailto:skojaku@binghamton.edu) by October 15.

- Curriculum vitae or Resume highlighting your academic achievements, research experience, and relevant publications (if any).
- A writing sample, e.g., a publication or a writing piece describing your research interest.
- Code sample.

Selected candidates will be invited for an interview, either in person or via video conference. For any inquiries or further information, please contact Dr. Kojaku at [skojaku@binghamton.edu](mailto:skojaku@binghamton.edu).

**About Dr. Sadamori Kojaku**

Dr. Sadamori Kojaku is an Assistant Professor in the Department of Systems Science and Industrial Engineering at SUNY Binghamton. His research focuses on creating a unified computational macroscope to probe complex systems by capitalizing on powerful computational intelligence, with applications to science of science and computational social sciences. He was a former Postdoctoral Fellow at Indiana University, working with Dr. Yong-Yeol Ahn on representation learning for the Science of Science. He served as a Research Associate at the University of Bristol and collaborated with Dr. Naoki Masuda on network science. He obtained his Ph.D. in Computer science from Hokkaido University in 2015 (advisor: Dr. Mineichi Kudo). More information can be found at [skojaku.github.io](https://skojaku.github.io).

**About SSIE @ Binghamton University**

The Systems Science and Industrial Engineering department at Binghamton University is a dynamic hub for interdisciplinary research, innovation, and education. Our dedicated faculty and students collaborate across diverse fields, including systems science, network science, engineering, operations research, and healthcare systems.