

Short Bio

Badri ADHIKARI

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Dr. Adhikari is an assistant professor of computer science at the University of Missouri-St. Louis (UMSL). He received his PhD in computer science from the University of Missouri-Columbia (Mizzou) in 2017.

At UMSL, his group investigates how Machine Learning and Deep Learning algorithms can be developed to improve human health. One of his group's current focus is a problem known as protein distance prediction, a problem in the field of bioinformatics.

At UMSL, he is also collaborating with researchers in the Departments of Chemistry, Education Sciences, Educator Preparation and Leadership, and Missouri Institute of Mental Health, on various Machine Learning projects.

Since 2015, he has published dozens of papers in journals such as Bioinformatics, Plos ONE, BMC Genomics, and he is the author of the widely used protein 3D modeling tool, CONFOLD. His research is supported by Google, NVIDIA, and the National Science Foundation (NSF).

At UMSL, he enjoys teaching Deep Learning and Artificial Intelligence.