



Dr. Kofi Nyarko

Professor | Founding Director, Center for Equitable AI and Machine Learning Systems (CEAMLS) | Director, Data Engineering and Predictive Analytics (DEPA) Research Lab | Chair, Maryland Responsible AI Council | Leader, UrbanFlow Autonomous Mobility Initiative

Dr. Kofi Nyarko is a Professor of Electrical and Computer Engineering at Morgan State University and Founding Director of the Center for Equitable Artificial Intelligence and Machine Learning Systems (CEAMLS), a nationally recognized hub advancing research, policy, and workforce development in artificial intelligence. He also directs the Data Engineering and Predictive Analytics (DEPA) Research Lab, where his work spans computer vision, neurosymbolic AI, multimodal systems, and generative models. His research focuses on enabling intelligent systems to operate under uncertainty, with applications in autonomous systems, infrastructure monitoring, and smart mobility. Dr. Nyarko holds multiple U.S. patents and leads federally funded projects across NSF, NIH, and DoD that address AI evaluation, cultural representation in foundation models, and responsible integration of AI into critical infrastructure. In addition to his academic leadership, Dr. Nyarko serves as Chair of the Maryland Responsible AI Council, where he guides statewide efforts on AI governance, legislative strategy, and public-sector deployment. He is spearheading the development of advanced AI compute infrastructure at Morgan State University to support large-scale research and innovation, and he leads the UrbanFlow autonomous mobility initiative, currently piloted at Baltimore/Washington International Airport. A participant in the REACH GenAI Consortium with Google Research and a network of HBCUs, he contributes to national efforts on evaluating generative AI systems. Through initiatives such as the Summer AI Research Institute and the development of new academic programs in AI Engineering, Dr. Nyarko continues to expand

pathways into AI while strengthening Morgan's role as a leader in research, innovation, and public impact.