Stanford

Ahmad Rushdi

Senior Manager of Research Collaborations, Institute for Human-Centered Artificial Intelligence (HAI)

Bio

BIO

Ahmad A. Rushdi is a Sr. Research Manager at the Stanford Institute for Human-Centered AI (HAI). He works with the diverse machine learning, deep learning, and artificial intelligence communities across Stanford and the corporate world, in order to envision, build, and maintain new bridges around cutting-edge research that would create useful and trusted systems for a variety of AI applications.

Dr. Rushdi's research interests include statistical signal processing and uncertainty quantification methods applied to machine learning models trained on time-series and real/synthetic image datasets. His publications span system design, communications, genomics, meshing, and national security applications.

Prior to joining Stanford, Ahmad was a research scientist at the Center for Computing Research of Sandia National Laboratories, an R&D manager of data science at Northrop Grumman Corporation, a research fellow at the Department of Electrical and Computer Engineering of UC Davis and the Computational Visualization Center under Oden Institute for Computational Engineering and Sciences at UT Austin, and an R&D engineer at Cisco Systems.

Ahmad holds a PhD in Electrical and Computer Engineering from the University of California, Davis, and MSc/BSc degrees in Electrical Engineering from Cairo University.

Publications

PUBLICATIONS

- **Multifidelity data fusion in convolutional encoder/decoder networks** *JOURNAL OF COMPUTATIONAL PHYSICS*
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- **A brief review on DNA storage, compression, and digitalization** *NANO COMMUNICATION NETWORKS*
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