

Regents' Rising Researcher Award
Feng Yan – UNR

Dr. Feng Yan is an Assistant Professor in the Computer Science and Engineering Department and the director of the Intelligent Data and Systems Lab at University of Nevada, Reno. He received both his M.S. and Ph.D. degrees in Computer Science from the College of William and Mary and worked at Microsoft Research and HP Labs. His research focuses on big data, machine learning, and cross-disciplinary topics.

Since joining UNR in 2016, Dr. Yan has received a total of more than \$4M external funding with more than \$2.6M as PI/UNR-PI. He is the recipient of the prestigious NSF CAREER Award, NSF BIGDATA Award, NSF CRII Award, and NSF AI Institute Planning Award. Dr. Yan has advised/advising 10 PhD students, 8 MS students, 24 undergraduates, 2 K-12 students, and 4 intern students. Dr. Yan and his team have published more than 72 peer-reviewed articles with most of them in the most prestigious venues in computer science. Dr. Yan and his students are recipients of the Best Student Paper Award of IEEE CLOUD 2018, the Best Paper Award of CLOUD 2019, and the Best Student Paper Award of ITNG 2021.

Dr. Yan's machine learning compression work has been accepted by NIPS'17 as an Oral paper (40 out of 3240 submissions) and received more than 564 citations in 3.5 years. His research on cloud machine learning has been adopted by the Microsoft Azure machine learning services, benefiting millions of users world-wide. His cross-disciplinary research on wildfire does not only make important contributions to science and engineering but has also greatly benefited society and our local community in Nevada.

Dr. Yan is the co-founder and co-director of the UNR Big Data Minor program. Dr. Yan served as committee members in more than 40 technical programs and reviewed more than 300 research articles. He is the Social Media Chair of ACM SIGMETRICS and the Secretary of IEEE Northern Nevada Section.