Sangwon Yoon, Ph.D.

Sangwon Yoon, Ph.D. Prof. Yoon is a recipient of the SUNY Chancellor's Award for Excellence in Scholarship and Creative Activities in 2019 and a highly successful researcher who leads many productive long-term industry collaborations. Prof. Yoon received his doctoral degree in School of Industrial Engineering at Purdue University, and he joined the faculty of the Watson School in the Department of Systems Science and Industrial Engineering at State University of New York at Binghamton in 2010. Prof. Yoon is currently a Professor. In addition, he has a joint title (i.e., Professor) in School of Commerce at Waseda University, Tokyo, Japan and is also a Visiting Professor and a Co-Director of Data Science Center of Excellence at Nirma University, Ahmadabad, India. Prof. Yoon directs the Complex System Design and Analysis Laboratory and is a faculty member of the Watson Institute for Systems Excellence. He leads collaborations with faculty, staff, students, and industry partners, such as such as Analog Devices, Samsung, Sanmina SCI, Koh Young Technology, Raymond, Toyota Material Handling, Xerox, Innovation Associates, United Health Services, Montefiore Medical Center, Bennett Distribution Services, U.S. Xpress, and etc., and has secured close to $7 million from more than 70 industrial projects. Prof. Yoon has been studying how to extract useful insights from expanding data sets to support intelligent decision-making processes. His research not only resides in better understanding large-scale data set by using statistical learning methodologies, but also leverages optimization, soft computing, simulation, and complex theories with conventional machine learning algorithms. As a result, Prof. Yoon has published in over 130 internationally renowned journals and conference proceedings. He was also a member of the Data Science Transdisciplinary Area of Excellence (TAE) initiative and is an active member of the Health Sciences TAE at his institution.