





















**Conflict of Interest:** The author has no conflicts of interest to declare.

### Authors Profile



**Loi Nguyen**, received the B.Sc. from the University of Science, VNUHCM, in 2014, respectively. Currently, he is a Master Student with the Faculty of Information Technology, University of Science - VNUHCM. Since 2023, he has been with the University of Information Technology-VNUHCM. His research interests include computer vision and deep learning.



**Khanh-Duy Nguyen**, received the Ph.D. degree from the University of Information Technology, VNU-HCM, Vietnam in 2021. He was a Project Postdoc Researcher with the Echizen Laboratory, National Institute of Informatics from 2022 to 2023. He is currently a Researcher with the University of Information Technology. His research interests include computer vision, multimedia analysis, and deep learning.



**Khang Nguyen**, received the B.S. and M.S. degrees in computer science and the Ph.D. degree from the University of Science, VNUHCM, Vietnam, in 1990, 1995, and 2012, respectively. Currently, he is the Vice-President of the University of Information Technology-VNUHCM. His research interests include artificial intelligence and computer vision.