



The Spring 2022 Faculty Spotlight is on...

Dr. Gaojian Huang



Dr. Gaojian Huang joined San Jose State University (SJSU) as an Assistant Professor in the Department of Industrial and Systems Engineering in Fall 2021. Currently, he is the director of the Behavior, Accessibility, and Technology (BAT) Lab. He is also a Research Associate in the Mineta Transportation Institute and a faculty affiliate in the Center on Healthy Aging in Multicultural Population at San José State University. He received master's degrees in Cognitive Psychology from Purdue University and Safety Management from Indiana University Bloomington in 2020 and 2016, respectively, and obtained his Ph.D. in Industrial Engineering from Purdue University in 2021. His research focuses on human behavior and performance and technology accessibility in complex systems, with an emphasis on automated driving, aging, and multimodal interface.

During his first year as a faculty member, he has won six research grants and funding. Funding agencies include Honda Research Institute USA, National Science Foundation (recommended by the program director), Mineta Transportation Institute (funding source: U.S. Department of Transportation), SJSU Research Foundation (Level-Up Grant), and Charles W. Davidson College of Engineering (Small Group Project). He is also active in other Research, Scholarship, and Creativity Activities, reflected by three top-tier Human Factors journal publications (e.g., Accident Analysis, Prevention and Applied Ergonomics) and three conference proceedings and oral presentations (e.g., Human Factors and Ergonomics Annual Meeting, IEEE International Conference on Human-Machine Systems).

He also makes efforts on the service at both professional and university levels. At the professional level, he is serving as a reviewer for top-tier journals (e.g., IEEE Transactions on Human-Machine Systems, Applied Ergonomics), international conferences (e.g., Human Factors and Ergonomics (HFES) Annual Meeting), and awards and scholarships (e.g., HFES Aging Technical Group Student Research Scholarship). He is also serving as the Secretary/Treasurer for the HFES Aging Technical Group at the national level. For his university-related service, he is currently the faculty advisor for the HFES San José State University Student Chapter, the research committee member for Charles W. Davidson College of Engineering, and the ISE Chair Review committee member.

Little known facts about Gaojian....on the next page....



Gaojian Huang, cont.

Little known facts:

In his leisure time, Gaojian enjoys solo travel, and he plans to hike most of the trails in the bay area. He is also on his way to visit all 30 NBA team home courts (26 have been visited during the past seven years). His research lab is called the BAT lab, and he indeed has a Batman collection.