

Mani Golparvar Fard

Associate Professor of Civil Engineering, Computer Science, and Technology Entrepreneurship, University of Illinois, CEO and co-founder, Reconstruct Inc.



Professor Golparvar Faculty's particular interest are in (1) creating computer vision, image processing and machine learning techniques to automatically reconstruct as-built (actual) 3D and 4D building information models as well as track construction progress, productivity, quality, safety, and carbon footprint from static images as well as video streams; and (2) building information modeling to reason about building elements, systems, and contents to support model-based assessment of performance metrics.

Artificial Intelligence is at the centre of his R&D activities.