University at Buffalo
Department of Computer Science and Engineering
School of Engineering and Applied Sciences

Junsong Yuan

Homepage

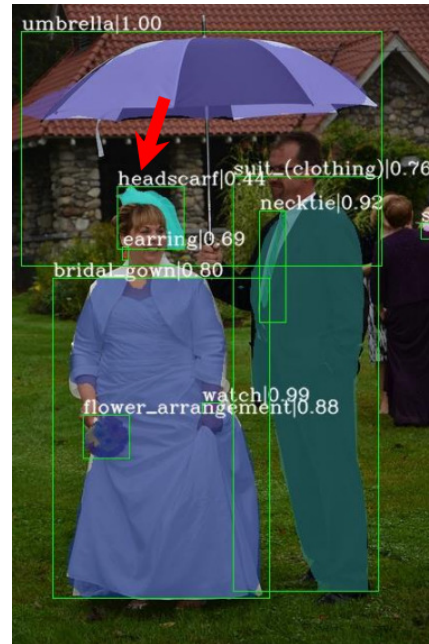**Research Category:** C) AI, D) Interdisciplinary

Research Area: Computer Vision, Pattern Recognition, Multimedia, Image and Video Retrieval

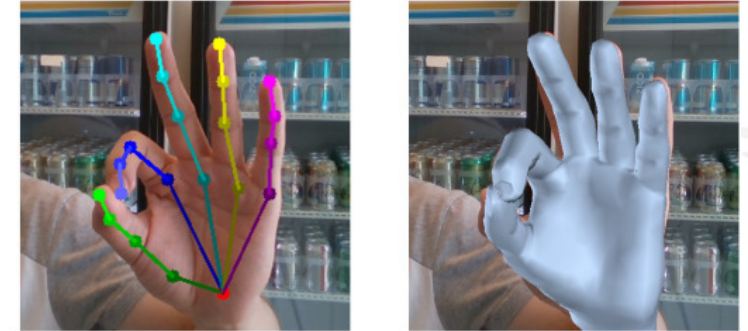**Research Application:** Video analytics, robotics, virtual and augmented reality

Selected Research Projects:

NSF: Towards cybernetic buildings: integrated intelligent sensing to create responsive environments
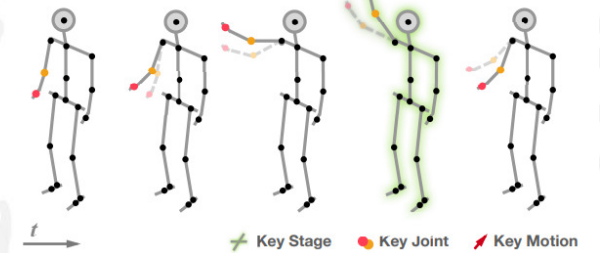
Industry Grants and Collaborations: Microsoft, Meta, Amazon, Adobe, Snap, Oppo, etc.
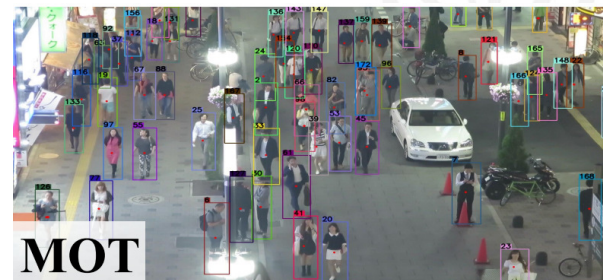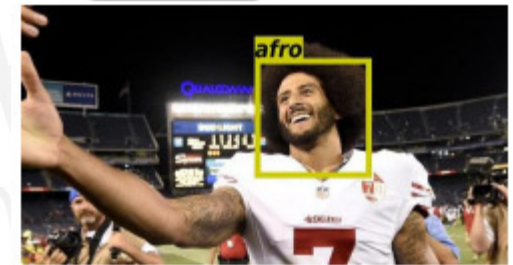

Scene Parsing

Hand modeling

Human action recognition

Object detection and tracking

Object search

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