



Trista Chen

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Trista, an AI scientist and tech executive, is currently the Director, AI Research Center at Microsoft. Her research focuses on computer vision, multimodal foundation models, and agentic AI. The impactful technologies Trista has developed at Microsoft are currently used by millions of users worldwide. Trista's contributions extend beyond code and algorithms; her work has been published in over 30 top-tier journals and conference papers, and she holds or has filed 110 patents. Her research is internationally recognized, with notable achievements such as publishing in a Nature Portfolio journal, receiving the 2023 CVPR workshop best paper award, and winning the world championship in the USAID Intelligent Forecasting Competition, where her innovations advanced healthcare in the Ivory Coast.

Before joining Microsoft, Trista held leadership positions at Inventec, Intel, Nvidia, and two startups. As the Chief AI Officer at Inventec, Trista spearheaded the development of one of Taiwan FDA's first batch of novel AI Software as a Medical Device (SaMD), based on her original medical research. Additionally, Trista led Inventec in creating the industry's pioneering computer vision laptop defect detection system and logistics solution, leveraging the technology that won the USAID world championship. During her tenure at Intel, Trista facilitated the development of OpenCV, the world's most widely adopted computer vision software. At Nvidia, Trista co-architected the company's inaugural video processor. Trista holds a Ph.D. from Carnegie Mellon University, as well as M.S. and B.S. degrees from National Tsing-Hua University.