

## Dr. Uma Jayaram

Is a seasoned executive with over 25 years of experience spanning academia, startups, and corporate America. She is a big picture thinker who sets forth a vision and strategically empowers teams to bring it to life. Uma and her team are revolutionizing the field of sports with groundbreaking technology that has been delivered to premier events and leagues including Winter Olympics 2018, NFL, NBA, NCAA, PGA, and MLB. Her deep passion for innovation informs her leadership style and she is known for her ability to inspire teams to approach challenges and projects with fresh eyes. Several of Uma's PhD and undergraduate students have been part of the start-ups she co-founded. Uma continues to push the boundaries to build the best future with the top talent in the world.

Currently, she is Principal Engineer and Managing Director of Engineering at Intel Sports. In this role she is responsible for the technology that delivers live event virtual reality experiences to fans. Her team owns the end to end solution that involves proprietary camera and server hardware, stitching algorithms, image processing technology, transcoding, cloud integrations, distribution over CDN, SDKs and front end applications for VR headsets such as Samsung Gear VR, Oculus Go, Google Day Dream and WinMR. Uma brings her deep experience in engineering design and agile practices to the work she does as Managing Director and takes pride in the solution-centric and purpose-driven organization she has created and fostered.

Uma joined Intel in 2016, when the company she co-founded, VOKE, was acquired by Intel. At VOKE Uma held the position of EVP and COO. The unprecedented innovations created at VOKE form one of the key technology pillars of Intel sports today. Together with volumetric event renditions and personalization technologies, Intel Sports is poised to change the game of sports and beyond. Some of the recent work being done by Uma's team includes integrating the VR experience with volumetric based capabilities, investigating 5G to improve the fan experience, implementing encoding enhancements, and creating a robust platform for integration of adjacent elements such as audio, metadata, and broadcast type storytelling tools.

An effective champion of women, Uma has attracted talented women engineers to her team at Intel. One of the first women to receive an undergraduate degree in Mechanical Engineering from IIT Kharagpur, Uma then completed her MS and PhD degrees at Virginia Tech.