Deva Ramanan

Professor at Carnegie Mellon University

Pittsburgh, PA, US

Deva Ramanan's research interests span computer vision and machine learning, with a focus on visual recognition.

Biography

Deva Ramanan is a professor in the Robotics Institute at Carnegie Mellon University and the director of the CMU Argo AI Center for Autonomous Vehicle Research. The Center engages in fundamental research to produce advanced perception and next-generation decision-making algorithms that enable vehicles to perceive and navigate autonomously in diverse real-world urban conditions. His research interests span computer vision and machine learning, with a focus on visual recognition often motivated by the task of understanding people from visual data. He served at the program chair of the IEEE Computer Vision and Pattern Recognition (CVPR) 2018. He is on the editorial board of the International Journal of Computer Vision and is an associate editor for the IEEE Transactions on Pattern Analysis and Machine Intelligence. He regularly serves as a senior program committee member for CVPR, the International Conference on Computer Vision, and the European Conference on Computer Vision. He also regularly serves on NSF panels for computer vision and machine learning.

Industry Expertise

Computer Networking, Automotive

Areas of Expertise

Human-Centered Robotics, Human-Robot Collaboration, Machine Learning Embedded in Systems, Neurorobotics, 3-D Vision and Recognition, Computer Vision, Visual Servoing and Visual Tracking, First-Person Vision, Sensing & Perception, Graphics & Creative Tools

Affiliations

IEEE Computer Vision and Pattern Recognition (CVPR) , International Journal of Computer Vision, IEEE Transactions on Pattern Analysis and Machine Intelligence

Education

University of California at Berkeley

Ph.D. Electrical Engineering and Computer Science

University of Delaware

B.S. Computer Engineering

Accomplishments

IARPA Award for "Walk-Through Rendering From Images of Varying Altitudes
2023-2027
