

# Computer Vision

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**Abstract:** *Computer vision, one of the branches of artificial intelligence, has seen tremendous growth in the last three decades. The present paper gives a broad overview of computer vision along with its foundation, major technologies, and applications in different fields. The research starts with an overview of computer vision, followed by an in-depth literature review that identifies milestone works and recent advancements. The methodology section defines the methods and techniques adopted in computer vision studies, such as deep learning, convolutional neural networks (CNNs), and transfer learning.*

**Keywords:** convolutional neural networks

