

Research on integrating AI in VR environments with A-Frame.io

Nguyen Phuc Hieu

Abstract: This topic aims to research and implement the integration of artificial intelligence (AI) into virtual reality (VR) environments using the A-Frame.io tool. In the context of the strong development of VR technology, the application of AI not only helps enhance the quality of user experience but also opens up many opportunities in various fields such as education, healthcare, and entertainment. The research objective is to build an AI-assisted VR system to automate complex tasks and increase usage efficiency. The applied method includes analyzing relevant theories, designing, and implementing an experimental system with A-Frame.io. The expected results will not only provide a useful application solution but also contribute to the overall development of AI-integrated VR technology.

Keywords: Artificial intelligence, Virtual reality, A-Frame.io, Applied research