

Research and use AI to enhance 3D simulation experience in Web AR with A-Frame.io

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Abstract: In the rapidly evolving digital context, upgrading the 3D simulation experience in the Web AR environment has become an indispensable need. This project aims to apply artificial intelligence (AI) to improve the quality and interactivity of 3D models in a Web AR system based on the A-Frame.io platform. Through a combination of theoretical research and experimentation, the project seeks to contribute to the development of this technology and enhance the end-user experience. The expected research results will provide effective solutions to improve 3D image quality and enhance interactivity in Web AR applications.

Keywords: Artificial Intelligence (AI), 3D Simulation, Web AR, A-Frame.io, User Experience