

CHEMISTRY LAB VR PROJECT



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Introduction

Virtual Reality (VR) is an immersive interactive environment based on multimedia computer technology, sensing technology, and simulation technology. The three most prominent features of VR technology are immersiveness, imagination, and interactivity





**Based on virtual reality technology
and its unique advantages in
chemistry experimental teaching, the
shortcomings in traditional chemistry
experimental teaching are addressed
by integrating the application of
virtual reality technology in chemistry
experimental teaching**

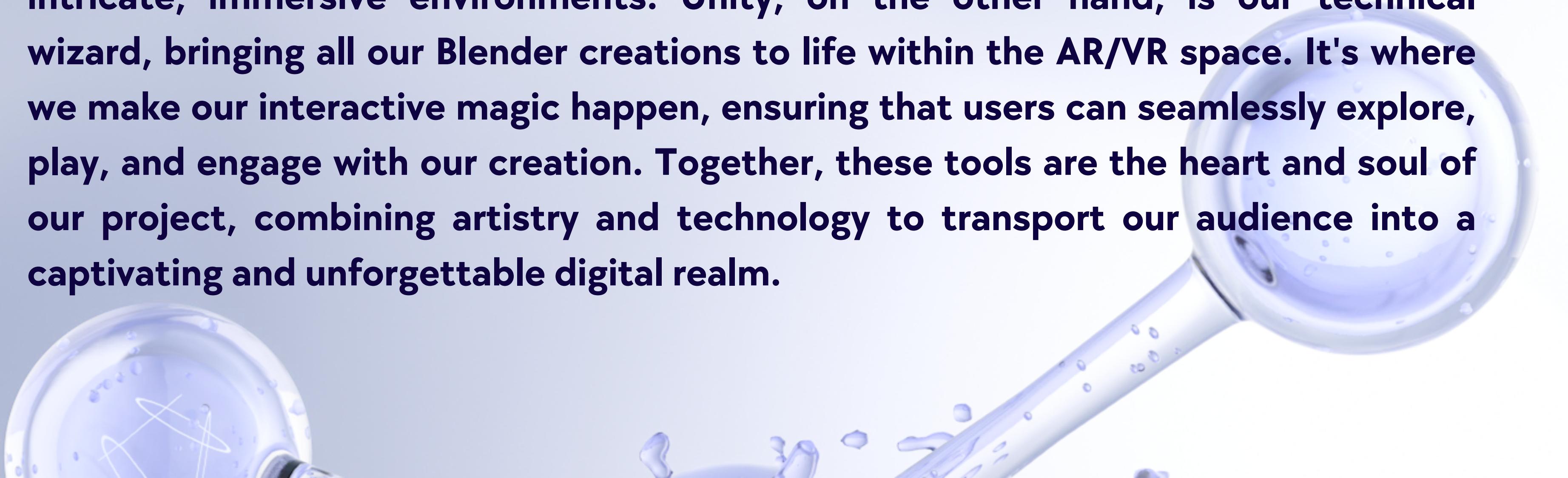
Mission



This project mainly focuses on teaching examples of secondary school chemistry subjects, focuses on the basic features, teaching advantages, and specific applications of virtual reality technology in chemistry experimental teaching, and puts forward several thoughts on how to effectively carry out experimental teaching supported by virtual reality technology

Way of Implementation

In our AR/VR project, we use Blender and Unity as our dynamic duo. Blender is our artistic playground, where we meticulously sculpt 3D models and breathe life into our virtual worlds. It allows us to create characters with personality and craft intricate, immersive environments. Unity, on the other hand, is our technical wizard, bringing all our Blender creations to life within the AR/VR space. It's where we make our interactive magic happen, ensuring that users can seamlessly explore, play, and engage with our creation. Together, these tools are the heart and soul of our project, combining artistry and technology to transport our audience into a captivating and unforgettable digital realm.



Samples



Students Learning Independently

The main role of VR teaching in school education is to stimulate students' interest in learning. Students can experience real situations through VR, and teaching in real situations can maximize students' interest in participation and improve their learning efficiency .

