Exploring Virtual Reality: 360° of Student Engagement

Nicole Covone
Mia Lamm

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Exploring Virtual Reality: 360° of Student Engagement

Nicole Covone, Director of Library Services | Mia Lamm, Instructional Technologist
Johnson & Wales University

Why Use It

• Virtual Reality offers an immersive experience that challenges students to apply knowledge and skills within an educational framework. Incorporating learning objectives and library resources, students can virtually realize experiences within their majors.

• Virtual reality elevates the educational experience and supports the student attaining a superior fluency of the subject.

What Is It

vir·tu·al re·al·i·ty
a computer-generated environment that allows for interaction and immersion.

aug·men·ted re·al·i·ty
an enhancement of a real environment using technology to overlay imagery or information.

What We Did

Virtual Reality travel apps, such as Orbulus and YouVisit, were explored to support the courses, TRVL 4011 Destination Management Organization and SEE 3170 International Exhibitions & Events.

Round.me was utilized to create an augmented and virtual reality experience for Work Study Student Employees. A photosphere was created and overlaid with information hotspots to provide training and orientation to the library space.

How to Apply It

• Course enrichment
• Student employee training
• Enhanced library tours and maps

Other Examples in Libraries

• Historypin.org showcases university archives and special collections allowing users to overlay historical photos with current images and information.

• University of Houston - Downtown has Augmented-Reality Tours ending with an assessment so faculty may use for credit within the course.

Apps, Software, Hardware

• Round.me
• YouVisit
• Orbulus
• NYT VR
• Paris VR
• VRSE
• Google Cardboard

Impact at JWU

🌍 Collaboration
🌍 Engagement
🌍 Immersion