CSCE 681 OPEN GRADUATE SEMINAR

Immersive Technology Centers for Advanced Visualization and Collaboration

Abstract

Research opportunities come in many forms, and sizes. This talk will discuss industry based experiences focusing on application based research for improving business capabilities. It is a tale of advanced visualization, modeling, simulation, virtual reality, augmented reality, motion capture and adventurous humans working with hardware and software.

Brent Dingle
Senior Operations Engineer II
Raytheon

Wedensday, February 12
4:10 p.m.
HRBB 124

Biography

Brent Dingle earned a PhD in Computer Science and a Masters in Mathematics from Texas A&M University. His Bachelor's degree was award by Bradley University. He is currently a Senior Operations Engineer II, and Development Lead in the Immersive Design Center at Raytheon Space and Airborne Systems. He has worked as a Senior Systems Engineer and Senior Software Engineer at Raytheon Missile Systems. He has over 20 years of experience in Modeling, Simulation, and Analysis. In the past he worked in Game Design and Development, with two published titles. For several years, he was an Assistant Professor at the University of Wisconsin-Stout. His current interests include user interfaces, extended reality devices, and advanced visualization. Applications of his current work are geared towards improving the efficiency and effectiveness of the entire life cycle of a product.