RSET – Virtual Building Creation

Lexington, KY

RSET is a software tool for rapidly merging, cleaning and segmenting scanned building data to generate a 3D virtual building twin. RSET unifies exterior and interior scan data and identifies features such as doors, windows and structural members to create a truly interactive virtual building. Our software provides powerful tools for users to collaborate in this virtual building space, and export segmented virtual buildings as CAD models. We propose expanding RSET to make it the ideal tool for mapping and planning deep building retrofits.

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Bill has over 20 years of experience in manufacturing, prototyping, product development, and commercialization as well as in entrepreneurial endeavors. He was IT and CAD manager for 11 years at the University of Kentucky Center for Robotics and Manufacturing, as well as at the Center for Visualization and Virtual Environments. He has developed 3D scanners and high-resolution projected displays, created museum exhibits, developed iOS and Android applications and built motion platforms. He is currently the Director of Digital Dentistry at the University of Kentucky College of Dentistry and CEO of enomalies LLC.

Joel Edelstein
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Profile

Joel began his entrepreneurial career by co-founding Frame Logic Digital, an engineering services provider for the film and television industry. With demanding clients that included major film studios such as Warner Brothers, Columbia Pictures, HBO, Showtime and Netflix, his work encompassed color science, data management, systems engineering, software development and mobile datacenter deployment. Frame Logic operated as the primary on-set digital imaging contractor for more than $500M of film production between 2008 and 2013. In 2013 Joel spun off a new company, Triglyph LLC, to focus on software and hardware research and development. His company now specializes in CNC and robotics, designing tools to help small and medium-sized business take advantage of the upcoming robotics revolution.