

JONATHAN W. ADAMS

Director of Architectural & Heritage Services

SOFTWARE SKILLS

Autodesk 3ds Max	Adobe Premiere Pro	Motion DSP Ikena
Autodesk ReCap	Adobe Lightroom	Audacity
Autodesk Revit	Adobe Illustrator	Camtasia Studio
Leica Cyclone	PTGui	Microsoft Office Suite
Google Earth Pro	Photomatix Pro	Artec Studio
Adobe Photoshop	Kolor Panotour Pro	

CERTIFICATIONS:

FARO Focus 3D Scanner Certification
3ds Max 2012 Certified Associate
3ds Max 2012 Certified Professional Models to Motion
3ds Max 2012 Certified Professional Surface and Look Development

EDUCATION:

The Center for Digital Imaging Arts (CDIA) at Boston University Waltham, MA
3D Animation Certificate, May 2008

ITT Technical Institute Norwood, OH
Associate of Applied Science/IT Multimedia, December 2006

CONTINUING EDUCATION:

Drone World Expo, San Jose, CA, November 2015
USIBD Workshop, Colorado Springs, CO, April 2014
SPAR International 2014, Colorado Springs, CO, April 2014
SPAR International 2013, Colorado Springs, CO, April 2013
Autodesk Revit Essentials Course, Newark, DE, September 2013
Autodesk ReCap Course, Newark, DE, September 2013

EXPERIENCE:

Director of Architectural & Heritage Services
09/13 – Present DJS Associates, Inc. Abington, PA

- In addition to the responsibilities outlined as 3D Modeling Specialist with DJS Associates, oversees the development, monitoring, and implementation of procedures for high-quality BIM documentation and data processing.

3D Modeling Specialist
07/08 – 09/13 DJS Associates, Inc. Abington, PA

- Work with data collected from high-definition surveying laser scanners, total station transits and other field data to create accurate, large scale 3D environments and vehicles for use in engineering analysis and 3D demonstrative evidence including animations.

Lead Animator
06/08-07/08 BUCEC Tyngsboro, MA

- Led a team of three animators in producing over 300 character animations during a two month period, using Media Semantics' Character Builder software. The characters were developed for use in interactive training modules as part of an online conversion project.

3D Artist
04/08-05/08 CDIA Waltham, MA

- Produced 3D assets and animations for The Commonwealth Shakespeare Company to be used as interactive elements in their newly renovated website. Active in modeling, texturing, rigging and rendering aspects of the project from start to finish. This content was distributed over the web, and is also shown to prospective students and clients during school open house events.

ASSOCIATIONS:

U.S. Institute of Building Documentation (USIBD) June 2015
AIA Philadelphia Affiliate Member, March 2014
AIA Philadelphia Historic Preservation Committee, June 2013

PRESENTATIONS:

"Reality Capture in AEC", AIA Jersey Shore, Lincroft, PA, January 2016

"Education Impact Using 3-D Technologies", SPAR 2015, Houston, TX

"3D Laser Scanning: Historical Preservation of the Lincoln Memorial and Washington Monument," Drexel University, Philadelphia, PA, February 2015

"Architectural Applications for 3D Laser Scanning," AIA Philadelphia, East Norriton, PA, December 2014

"Applications of 3D Laser Scanning in the Architectural, Engineering and Construction Fields", AGC Innovation in Technology, Washington, DC, November 2014

“Point Clouds to BIM for Architecture and Construction,” Joint CLE Program with CADapult, Philadelphia, PA, April 2014

“3D Data Collection Technologies & Their Applications in Forensic Engineering, Architecture, Construction and Historical Preservation,” Lower Bucks County Chamber of Commerce Technology Subcommittee Meeting, Fairless Hills, PA, March 2014

“Point Clouds to BIM for Architecture and Construction,” Joint CLE Program with CADapult, Philadelphia, PA, April 2014

“HDS Laser Scanning & HDR Photography as it applies to Architecture”, Philadelphia University, Philadelphia, PA, November 2013

“Everyday Real World Uses of Raw Point Clouds in Forensic Engineering: Economical and Efficient Use of Point Cloud Data: Real World Examples”, HxGN International Conference, Las Vegas, NV, June 2013

“Incorporating Historical Preservation with high-Definition Survey (HDS) Laser Scanning”, HxGN International Conference, Las Vegas, NV, June 2013

“Incorporating Historical Preservation with High-Definition Survey (HDS) Laser Scanning”, SPAR International 2013, Colorado Springs, CO, April 2013

ARTICLES

“So Many Measurements, So Little Time,” Tech Brief, January 2015

“Lincoln Memorial Project,” XYHT, January 2015

“Of Abe and George,” LIDAR News Magazine, Vol. 4 No. 8, December 2014