

Philip D. Meadows

OBJECTIVE

Management position in laser scanning operations, AutoCAD and Revit production, GIS analysis and processing

PROFESSIONAL EXPERIENCE

2011-Present | Fairfax County Government, Fairfax, VA - DPWES, Project Manager

- Management of Capital Development projects for the Building Design Branch.
- Creation of Project Management Guide intranet website for interactive management process.

2009-2010 | PenBay Solutions, LLC, Vienna, VA - Building Survey Manager

- MacDill Air Force Base / SOCOM - Tampa, FL - Managed team responsible for collecting and processing over 750,000 SF of highly secure building interiors for SOCOM. A mobile data collection platform (DCP) was used, which consisted of a mobile LiDAR and Disto system to collect dimensional information, supplemented by asset, attribution and photographic data. All of the data was processed using AutoCAD, Revit, ArcGIS and proprietary software and delivered as a Facilities Management geodatabase for use in CAFM software.
- City of Philadelphia - Philadelphia, PA - Generated as-built floor plans of office space and underground retail and subway terminal using 3D LiDAR data collected with TIMMS (Trimble Indoor Mobile Mapping Solution) platform.
- Manchester Airport - Manchester, UK - Creation of 3D BIM (Revit) of an existing airport terminal at Manchester Airport to study what changes needed to be made to the facility in order to incorporate a new aircraft design. Data was collected remotely and shared via the internet with the US team. Successfully generated an accurate BIM of the terminal using LiDAR, Disto and photographic data within three weeks for the client.
- University of Massachusetts / Van Meter Dormitory - Amherst, MA - Scanned and processed 68,000 SF of student housing for campus facilities management project in one week.
- CA Office Building - Herndon, VA - Scanned, processed and delivered a Facilities Management geodatabase of 6 floor, 250,000 SF office building interior in four weeks.

2000-2008 | RKI, Ltd., Chicago, IL - Executive Director of IT & Digital Media

- BIM and 3D Visualization of resort development projects and master plans.
- Provided training, technical and IT support for 30+ person office.
- Researched and recommended hardware and software for real estate development office.
- Prepared detailed budgets, coordinated leasing, purchasing and deployment of equipment and software.

1997-2000 | RM Design Studio, Bartlett, IL - Technical Director / Rendering Specialist

- Researched and recommended hardware and software for 3D visualization.
- Developed and implemented efficient visualization techniques into the production pipeline.

1990-1997 | VOA Associates Incorporated, Chicago, IL - Digital Media Coordinator

- Created and developed in-house 3D visualization capabilities before it became mainstream.
- Responsible for all 3D visualization of architectural and interior design projects.
- Conversion of original Navy Pier linen drawings (circa 1913) into CAD for use as base drawings for \$140 million redevelopment project.

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QUALIFICATIONS

- Over 20 years of experience with AutoCAD and Revit software in architectural applications.
- Operation and troubleshooting of laser scanning hardware platforms.
- Management and supervision of survey and data collection projects.
- Ability to create, read and comprehend construction documents and specifications.
- Understanding of construction, materials and methods in existing buildings.
- Quick learner of complex technical processes and methods.
- Self starter with a passion for quality and timely delivery of services.
- Problem solver with attention to detail and efficiency.

EDUCATION

Bachelor of Architecture, University of Tennessee, Knoxville, Tennessee

ACHIEVEMENTS

Licensed Architect, State of Illinois

ESRI Training, Learning ArcGIS Desktop (for ArchGIS 9.0-9.1)

SOFTWARE EXPERIENCE

Cad/Modeling/BIM/GIS

AutoCAD Architecture
Revit Architecture
Google Sketchup
Rhino / Grasshopper
ArcGIS

Rendering/Animation/Video

Autodesk 3DS MAX
Vray
Mental Ray
Adobe After Effects
Adobe Premiere

Graphic Design/Layout

Adobe Indesign
Adobe Illustrator

Image Editing

Adobe Photoshop

Web Design/Authoring

Adobe Dreamweaver
Adobe Fireworks
Adobe Flash

Interactive/CD-Rom/DVD

Adobe Encore

Audio/Sound Editing

Adobe Soundbooth
Propellerhead Reason
Propellerhead ReCycle!
Sony Soundforge
Sony Acid

Operating Systems

Windows XP
Windows Vista
Windows 7
Windows SBS