

WEBSITE

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# Terra Kyle

A professional whose passion is to provide an organization the full utilization of their design software's potential through implementation, customization, training, and support services. A veteran BIM manager keen to learn new technologies, stay current in the field, advance future trends , and provide the most innovative solutions to the design-build industry.

## EXPERIENCE

BIM Specialist & Trainer  
Vectorworks  
Columbia, Maryland  
Apr 2014-Feb 2017

- Instructed professionals on the use of Vectorworks software through a set 16 hour core concepts curriculum, utilizing both classroom style and virtual methods. Developed and delivered customized online training.
- Authored the definitive guide for moving projects between Vectorworks and Revit using IFC. Also wrote a precursory document: a BIM Implementation Plan for Vectorworks users.
- Developed unique workflows to assist clients in achieving their project goals.
- Produced material using a content marketing strategy for Vectorworks Architect prospects.
- Provided engineers information regarding users' interaction with software, improving the design of future tasks. Appended task overviews with competitive comparisons.
- Cross-trained in the technical support department. This enhanced trouble-shooting skills, strengthened personal knowledge of Vectorworks Landmark and Spotlight products, as well as the hardware requirements, license types, and software installation and setup.

Design Consultant  
Private LLC  
St. Thomas, USVI  
Aug 2012-Mar 2014

- Collaborated with a licensed general contractor to provide design and construction services for residential interior renovation projects; increasing the value of and interest in the property held by the LLC.

BIM Model Manager  
M.C. Dean  
Baltimore, Maryland  
July 2011-July 2012

- Managed all Detailing Department project models. Projects were typically large healthcare complexes or medical labs. Updated the division's BIM template and developed and implemented BIM standards throughout the department.
- Developed new 3-D models (work environments) by combining Revit, CAD, and other files from outside A/E firms and internal engineering files. Created custom and job-specific parametric content in Revit for use by the department.
- Provided instruction and advice on accessing files, altering the properties of views, and modifying model components.

BIM Specialist  
Architect Technician  
U.S. Army Corps of Engineers  
Baltimore, Maryland  
Feb 2004-Sept 2010

- Oversaw the transition from AutoCAD to Revit for the Military Design Branch. Provided BIM management services: Developed procedures and standards; Prepared presentation and guide materials for trainings that were presented to staff individually and in group sessions.
- Integrated multiple data sources to create highly detailed three-dimensional "intelligent" models of buildings; to include design options and project phasing.
- Utilized multiple Autodesk and Adobe softwares, as well as Sketchup. Evaluated software to integrate GIS data, and perform building analyses such as energy and lighting studies.
- Edited standard specifications and prepared cost estimates. Wrote requests for proposals (RFPs) and other contract documents under the supervision of a senior architect.
- Administered design reviews of projects from other USACE districts and contractors. Responded to RFIs (Request for Information). Created Revit models from external RFPs.

## PROFESSIONAL FOCUS

### CONCENTRATION

- Workflow Development
- BIM Implementation
- 2D-3D Conversion
- Software Interoperability
- Education & Training

VECTORWORKS	● ● ● ● ●
ARCHITECT	● ● ● ● ●
LANDMARK	● ● ● ● ●
SPOTLIGHT	● ● ● ● ●
MARIONETTE	● ● ● ● ●
ADOBE CC	● ● ● ● ●

REVIT	● ● ● ● ●
FAMILIES	● ● ● ● ●
BIM to VDC	● ● ● ● ●
SCHEDULES	● ● ● ● ●
IFC-OpenBIM	● ● ● ● ●
RENDERING	● ● ● ● ●

# Terra Kyle

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## EDUCATION & TRAINING

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### BACHELOR OF STUDIO ART

CONCENTRATION: ARCHITECTURE

University of Maryland at College Park

May 2010

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## CURRICULUM VITAE

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### M.C. Dean

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**AFTAC**  
**Patrick AFB**  
Florida

A \$158 million surveillance facility designed to monitor nuclear detonation and testing. The complex includes a four-story HQ w/auditorium, two-story laboratory, parking garage, and central utility plant.

All structures were designed in one Revit model at multiple elevations. Created the model for M. C. Dean and performed coordination.

**Fort Hood**  
**Hospital Complex**  
Fort Worth, Texas

A \$503 million, 944,000 square foot replacement hospital project, which includes a hospital, outpatient clinics, ambulance garage, logistics building, central utility plant (CUP), and three parking structures.

De-constructed the existing project model and split it into two linked models, so that work could continue without the models' sizes being prohibitive.

**Fort Benning**  
**Hospital Complex**  
Georgia

A 745,000 square foot hospital replacement that includes 70 in-patient beds and the construction of two parking facilities.

The hospital complex is a multi-building facility: North and South clinics, a Hospital Building, several garages, and an ambulatory center. The project required a site model, hospital model, clinic model, CUP model, and a garage model. The project is set up through shared coordinates. The models were created in Revit, and are at varying stages of completion.

**Parkland Hospital**  
Dallas, Texas

A 2.5 million square foot, \$1.271 billion hospital project. The master plan for the new health care campus includes an 862-bed adult inpatient hospital, outpatient center, parking, central utility plant and logistics building.

The Parkland project is a 17 story hospital building. It consists of several models split by level (approx. every 4-5 stories). It is a Revit\AutoCAD hybrid, by level (floors 1-5 and mechanical levels are done in AutoCAD), the others in Revit .

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### US Army Corps of Engineers

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**Historic Stables**  
**Fort Myer**  
Virginia

Created a multiple-phase Revit model for the renovation of the historic stables at Fort Myer; including a detailed model of existing conditions, a demolition phase, and a phase reflecting the completed project.

**Fort Detrick**  
Maryland

Created a 3-Dimensional interactive installation map of Fort Detrick that demonstrated the site and building relationships for multiple design concepts.

**NSA**  
**Fort Meade**  
Maryland

Project included a SCIF and other security considerations. Applied Army regulations, the users' statements of requirements, as well as building codes and regulations to the design. Considerations were made in respect to the Installation Design Guide. Site adapted as a standard design project in varying geographical areas.