ERIC GELDMACHER

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SECURITY CLEARANCE

SECRET / 2024

EDUCATION

AIR UNIVERSITY *Eng Tech 2018*

UCONN *Geographic Information Science 2022*

SKILLS

GIS • Drafting • Spatial Analysis
Python • SQL • VBA • HTML • CSS
LiDAR • Data Management • Surveying
Cartography • Graphic Design • Graphs
Document Requests • Quality Control
Process Improvements • Briefings

SOFTWARE

ESRI - ArcGIS Pro / ArcMap / ArcScene
Quantum GIS - QGIS
AutoCAD - Civil3D / Map3D
Bentley - MircroStation
Trimble- Business Center / Pathfinder
Adobe - Photoshop / Acrobat
Google - Docs / Sheets / Drive
Microsoft - Word / Excel / Access

TRAINING

USAF - GIS / CAD Training / 850 hrs
USAF - Leadership School / 250 hrs
ESRI - Advanced GIS Course / 80 hrs
ESRI - Various Online Training / 50 hrs
ESRI - User Conference (x2) / 90 hrs
VDCI - Civil 3D 101 / 30 hrs
V2PMP - Project Management / 50 hrs

SUMMARY

Eric Geldmacher is a veteran of the U.S. Air Force with an 8-year background in GIS, AutoCAD, construction management and surveying. He is an experienced GIS professional who has managed large mapping operations in support of State and National Defense initiatives.

WORK EXPERIENCE

UCONN RESEARCH ASSISTANT
University of Connecticut - Storrs, CT • 2021

- Coordinated with scientists, engineers, and planners to develop creative GIS solutions
- Georeferenced historic maps to identify and locate hazardous materials in the ground
- Created and organized project databases, structured for state ran civilian health initiative
- Wrote Python scripts to automate complex geospatial tasks for groundwater research

GEOSPATIAL SUPPORT MANAGER
US Air Force - JBLM Public Works, WA • 2019-2020

- Provided geospatial support to 400+ staff members across six divisions in JBLM Public Works
- Produced print, digital, and web maps for environmental, civil, water, and electrical departments
- Regulated and improved data quality and organization in an enterprise geodatabase
- Managed robotic, optical and GPS surveys for public works projects and operations

SURVEY OPERATIONS MANAGER
US Air Force - Guantanamo Bay, Cuba • 2019

- Managed the production of custom maps in support of international military operations
- Planned and supervised topographic and 3D survey missions throughout Cuba
- Delivered mission briefings, organized workloads, and delegated tasks / assignments
- Responsibly handled classified information in a highly secured environment

AUTOCAD DRAFTSMAN
US Air Force - Doha, Qatar • 2016

- Designed transportation infrastructure for Kuwait International Airport
- Prepared and published statement of works (SOW) to initiate new construction projects
- Post-processed site surveys and LiDAR to render 3D models for planning and development
- Documented and implemented new standard operating procedures for onbaording staff

GIS ANALYST & TRAINING MANAGER
US Air Force, JBLM Public Works, WA • 2014 - 2018

- Delivered 400+ custom maps and data requests on demand with mission critical intelligence
- Trained and mentored 30+ military personnel in advanced GIS disciplines and best practices
- Provided timely assessments and reports to key decision makers and stakeholders
- Conducted regular training on spatial analysis, data processing, drafting, and surveying