



## **Lauren Huffman**

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### **EXPERIENCE**

Lauren's extensive GIS background in data capture, analysis and conversion have been integral in Spatial Technologies' ability to provide comprehensive GIS services that exceed customer expectations. Lauren has over eleven years of experience working with the Department of Defense as both a technical analyst and as an authorized instructor. As an instructor she has developed and taught courses on commercial and proprietary Geospatial Information Systems (GIS) software platforms for the United States Air Force, California Sherriff's Department, Air National Guard and the Drug Enforcement Agency.

Lauren's proven GIS experience has positioned her to play vital roles in a wide array of Spatial Technologies' military and industry communications projects worldwide. Most recently Lauren completed a year-long tour with the 380<sup>th</sup> Air Expeditionary Wing, where she was the project lead managing a communications infrastructure survey team tasked with developing, delivering and supporting the installation's Communication Visualization Component (CVC) program.

As a GIS analyst and ArcSDE Geodatabase support technician for the 45<sup>th</sup> Space Wing at Patrick AFB, Lauren has developed her skill sets as lead technical support for the installation's IGI&S program and has increased her knowledge of USAF GIS standards and visions for future spatial systems development and deployment.

### **Spatial Technologies, LLC**

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#### **Senior GIS Analyst / Instructor**

- Responsibilities
  - Extensive work with ESRI ArcGIS 9.x software in conjunction with USAF CIPS, CVC and GIMS software applications
  - ESRI ArcSDE Enterprise Geodatabase and Oracle database support for PAFB, CCAFS and downrange installations
  - GIS and GPS Data collection, processing and loading into installation's CIP Geodatabase
  - Utility & Communication systems mapping utilizing ESRI ArcGIS software & USAF proprietary software, outside cable plant conversion from legacy CAD and CSIR data to ArcGIS platform
  - QA/QC of existing CIP data and integration of Civil Engineering department updates
  - Coordinate, develop and instruct training programs and exercises for Spatial Technologies' customers
  - Other responsibilities include digitization, COGO, grid creation/manipulation, data conversion, thematic overlays

### **SOFTWARE EXPERIENCE**

Full suite of ArcGIS software 9.3 – 3.x, Microsoft Office Applications (Word, Excel, Access, Visio, and Outlook), Microsoft Project, Adobe Photoshop, CVC Tool, GIMS Tool

