Shan Allen
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OBJECTIVE: To obtain a position as a GIS Technician.

QUALIFICATION HIGHLIGHTS

- One year plus experience integrating geospatial data with various forms of intelligence databases to create products critical to national intelligence and security.
- Six and one half years professional experience producing digital maps utilizing principles of geography and cartography.
- Expert experience in various GIS commercial and government softwares such as ArcGIS 9.x, AcSDE, ArcInfo, ArcMap, AutoCAD, ERDAS Imagine 9.x, RemoteView and OrthoMosiac.
- Adept at inputting, updating, modifying, and manipulation of spatial data to perform QA/QC analysis.

PROFESSIONAL EXPERIENCE

11/2010 – 1/2012 GEOINT Analyst, National Geospatial-Intelligence Agency, Springfield, VA

- Extracted specific feature data in accordance with the NGA Feature Data Specifications, project specific guidance, and other NGA data and product specifications.
- Evaluated, researched and interpreted geospatial data from intelligence databases for analysis and visualization.
- Applied imagery extraction and visual scene creation, aerial photographs and precise measurement to produce highly-detailed intelligence products of underground facilities in North Korea, using RemoteView, IEC and NES.
- Utilized ArcMap and NES to produce GEOINT in support of locating, characterizing, and monitoring underground facilities in North Korea.
- Managed geodatabases, using structured data and feature digitization, to analyze logistics and security associated with a search program for underground facilities in Syria.

7/2008 – 10/2010 Geospatial Analyst, MDA Information Systems, Inc., Gaithersburg, MD

- Provided GIS support utilizing remote sensing and GIS for clients including a diverse array of products and analyses to help with understanding of environmental problems.
- Constructed project folders by manually adding transmitters from the U.S. Government as followed by the client guideline. Trouble shot technical issues with the government software interface with ESRI's ArcGIS.
- Updated Boeing's Multi-Spectral Land Cover (MSLC) project geodatabase.
- Created a gap-free global shoreline product to improve the geodetic accuracy and currency of global shoreline and shallow water representation in the U.S. Government Digital Navigation Chart vector databases using ERDAS.
- Utilizing Landsat TM image dates and SRTM imagery; classified shallow water and sediment features by manually digitizing the extent of those features and then recoded them to the appropriate class.
- Selected Correlated Land Change (CLC) image with an area of interest in the contiguous United States with access to the United States (U.S.) Government Global Visualization Viewer (GloVis). Tracked downloaded selected image numbers into Microsoft Excel.
- Digitized clouds and extracted the U.S. Government crop of interest (COI) using ERDAS. Followed Aerial Investigation instructions by seeking targets.

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7/2005 – 10/2006 GIS Technician, Michael Baker Corp., Alexandria, VA

- Constructed Digital Flood Insurance Rate Maps (DFIRM) flood plain mapping using FEMA's Map Modernization DFIRM specifications using ArcGIS 9.x and AutoCAD.
- QA/QC services included reviews of contractor engineering work to ensure that the analyses and maps met FEMA guidelines.

8/2003 – 4/2005 GIS Technician, Peak Technologies, Inc., Washington, DC

- Tasked to take recorded data of locational and tax records for building lots in the District of Columbia and move this data into a secure Oracle geodatabase.
- Applied knowledge of satellite imagery and aerial photography to perform QA/QC of ArcSDE data layers prior to loading them into an Oracle geodatabase to ensure data integrity.

EDUCATION

GEOINT Courses: Basic Analytical Training (BAT), NES Target Reporting, NES Research and Softcopy Workflow, Google Earth and Related Applications, Metadata Training, Fundamentals of Synthetic Aperture Radar (SAR) Exploitation, Underground Facilities Seminar, Coursework toward Geospatial Intelligence Training Program (GITP)
National Geospatial-Intelligence College, Springfield, VA

B.A. Geography
George Mason University, Fairfax, VA

Coursework toward Geographic Information Systems (GIS) Certification
George Mason University, Fairfax, VA

A.A.S. Electronic Publishing & Printing Technology, November 1994
Rochester Institute of Technology, Rochester, NY