IAN J. BACA
Wheat Ridge, CO

E-mail: GisGuy33@gmail.com   Phone: 720-218-0057   Geospatial Portfolio: www.IanBaca.com

QUALIFICATIONS

- ArcGIS Experience and Extensions: Spatial Analyst, Network Analyst, 3D Analyst, Data Driven Pages
- ArcSDE Experience: editing in a multi-user geodatabase environment, understanding of geodatabase concepts, functionality, and design
- Python Experience: implementation of task automation, Python libraries include Pandas, NumPy, and ArcPy
- Web Mapping Experience: ArcGIS API for JavaScript, OpenLayers, Leaflet, publishing and managing map services through ArcGIS Portal
- Experience using other GIS technologies both proprietary and open source: QGIS, Google Earth, Global Mapper
- Additional GIS experience: attribute and spatial data editing, geocoding, spatial data validation using geodatabase topology, efficient cartographic design and use of symbology
- Basic knowledge and experience with programming languages: JavaScript, Java
- MS Office suite including Excel, Word, Access, and Visual Basic for Applications (VBA)

SKILLS

- Attention to detail, accuracy, and deliverable quality with a pride of ownership
- Ability to provide efficient, timely, reliable and courteous service to customers and co-workers
- Strong organizational skills and detail oriented
- Strong interpersonal skills with the proven ability to build and establish rapport with a diverse array of people

EMPLOYMENT HISTORY

Managed Business Solutions – Contractor to The BIA   **March 2018 - Present**
GIS Analyst
- Mapping of land title records for the U.S. Bureau of Indian Affairs (BIA) Office of Trust Services Division of Land Title Realty Office (DLTRO). Analysis of geospatial data, development of cartographic products, and automation of geospatial tasks
- Create ArcPy Script Tools. Created a tool to replace multiple steps in a workflow process, as well as, replaced the use of a licensed proprietary software
- Assist with process development and improvements of organizational workflows
- Assist in developing project specifications and procedures while reporting project status to project managers
- Perform ad hoc scripting for tools and large file transfers or manipulations as requested

State of Colorado – OIT   **July 2017- March 2018**
GIS Technician
- Provide data collection, conversion, maintenance, and analysis support for the data development of a web-based, publicly-available geographic inventory of broadband services throughout Colorado
- Managed the dissemination of LiDAR data requests and improved the packaging process using python scripts

City & County of Denver – Assessment Division   **August 2016- July 2017**
GIS Technician
- Researched, interpreted, and verified legal descriptions on recorded documents. Performed standard and complex editing procedures on parcel data using COGO tools. Provided customer services to taxpayers.
- Analyzed RTD and Denver parcel data for real estate development opportunities and created a series of large-scale wall maps of this analysis to requesting taxpayer

Great Outdoors Colorado (GOCO)   **June 2015 – August 2016**
GIS and Data Assistant
- Provided a range of data management, analysis, and research to support all grant programs. Used GIS technologies to generate tabular and spatial reports and maps
- Implemented Data Driven Pages, Python Script Toolboxes, and a VBA script to automate creation of maps and reports depicting summary information of point location data for each county and legislative district in Colorado

EDUCATION

Metropolitan State University of Denver   **Graduation May 2016**
Bachelor of Science in Land Use Planning   *Geographic Information Systems Concentration*
GPA: 3.7 of 4.0   *Area of interest in Math & Computer Science*