**Performance Summary**

A professional with five years of experience in the field of geographic information science (GIS) having recent success in web mapping applications. A spatial-minded team member with proficient analytical, technical, and organizational skills to facilitate increased efficiency. Possesses a broad understanding of spatial concepts and analysis, while remaining current with advances in software and technologies.

**Professional Skills**

|  |  |  |
| --- | --- | --- |
| ◾ Database Management | ◾ Spatial Analysis | ◾ Issue Resolution |
| ◾ Report Writing and Presentations | ◾ Customer Relationship Management | ◾ Route Management |
| ◾ Cartographic Standards | ◾ Project Management | ◾ Natural Sciences |
| ◾ Inventory Management | ◾ Staff Development | ◾ Land Use Planning |

**Technological Experience**

|  |  |  |
| --- | --- | --- |
| ◾ ArcGIS Desktop Suite | ◾ JavaScript and HTML5 | ◾ RouteSmart |
| ◾ ArcGIS Online | ◾ Python and SQL | ◾ IDRISI/TerrSet |
| ◾ ArcPad/Trimble GPS | ◾ Google Map API | ◾ Adobe Illustrator |
| ◾ ArcSDE/Server/RDBMS | ◾ Pix4d Drone Photogrammetry | ◾ Microsoft Office Suite |

**Professional Highlights**

◾ **Historical Land Use Study:** Analyzed Landsat satellite imagery of two large metropolitan cities in Southern California to understand the change in land use over a twenty year period.

◾ **Web Application Design:** Formatted ESRI Web App Builder for non-GIS users to edit data on a local database server.

◾ **Map Digitization:** Georeferenced paper maps to record historical data into a street network geodatabase.

◾ **Environmental Study:** Monitored groundhog habitat changes after weather events with the use of a Trimble GPS unit and ArcPad.

◾ **Customization:** Apart of an award-winning GIS team in managing data and customizing ESRI Collector App, Dashboards, and Route Planner for the Bureau of Sanitation of the City of Los Angeles. Awarded the Special Achievement in GIS from ESRI in July 2015.

**Education & Training**

◾ **Master of Science in Geographical Information Sciences and Technologies** 2015

University of Southern California, Los Angeles, CA

◾ **Bachelor of Arts in History and Geography** 2007

Central Connecticut State University, New Britain, CT

◾ Northeast Arc Users Group Conference Spring 2018

◾ Los Angeles Geospatial Summit 2013, 2014, 2015, 2017

◾ ESRI User Conference 2013, 2014, 2015, 2016

◾ ESRI Do-It-Yourself Geo Apps Certificate 2016

◾ Association of American Geographers Annual Meeting 2013

◾ National Eagle Scout Association 2002

**Career History**

**Naugatuck Valley Council of Governments January 2018 - Present**

**Waterbury, Connecticut**

*GIS Planning Assistant*

* Investigates and prepares data for the United States Census 2020 within the region.
* Analyzes crash data for transportation planning projects.
* Develops elevation base maps from LiDAR data.
* Updates regional profile with demographic and economic data.

**City of Los Angeles, Department of Public Works March 2015 - August 2017**

**Bureau of Sanitation Los Angeles, California**

*GIS Specialist*

* Maintained data on servers and clouds for local GIS group.
* Created easy-to-use web applications for refuse supervisors to utilize in the yard to increase the efficiency of curbside collection routes.
* Created a user manual with detailed steps on how to use applications.
* Developed quality assurance procedures to ensure the accuracy of data collected within the six waste sheds in the City of Los Angeles.
* Frequently advised fellow team members on data usage and quality control procedures.
* Conducted and reported findings and conclusions of analyses to direct supervisor.

**SWCA Environmental Consultants Pasadena, California August 2014 – January 2015**

*GIS Tech II Intern*

* Assisted the Natural Resource Program Director with data analysis and map visualizations.
* Researched and assembled proposals and applications.
* Responsible for maintaining certain aspects of projects.

**County of Los Angeles Internal Services Department April 2014 – August 2014**

**Downey, California**

*GIS Intern*

* Performed label placements for Sheriff Reporting District Map Project using Maplex labels.
* Assisted with the training of County departments in Parcel Viewer application.
* Provided cartographic support for Enterprise GIS (eGIS) customers within the county.

**Armstrong Garden Center Glendale, California April 2013 – August 2017**

*Sales/Retail Office Clerk*

* Inventory management, keyholder, and customer service.

**Green Acres Woodbury, Connecticut December 2006 – Present**

*Store Manager*

* Managed a small retail team focused on sales.
* Responsible for inventory management, product marketing, website maintenance, and advertising schedules.