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# Zachary Stanley, GISP

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## Summary

Knowledge of the theory and application of Geographic Information Systems in public lands, natural resources, municipal and engineering environments: deployment and administration of ArcGIS Online organizational accounts, development of web applications, geospatial analysis, LiDAR interpolation, model building, project management and production cartography.

- Expert level user of ArcGIS Pro 2.5, ArcGIS Desktop 10.6.1, QGIS 3.8, Collector, ArcGIS Online, Adobe Illustrator, Photoshop and Microsoft Office Suite
- Demonstrated ability to work in both a team environment and independently within non-profit, public and private sectors.
- Adept at managing multiple project elements; budgeting, project timelines and tasks of GIS personnel.
- Exemplary written and verbal communications skills, including technical writing and interpretation of GIS data for non-GIS professionals along with professional presentations.
- Web portfolio - <https://zac-stanley.github.io/>

## Skills

- Broad Experience: Extracting GIS data from a large array of sources, management of numerous large data sets, and performing geospatial analysis and cartography utilizing ArcGIS Pro, ArcGIS Desktop, ArcGIS Online, WebApp Builder Developer Edition, QGIS, Adobe Illustrator and Photoshop.
- Experience: ArcGIS Enterprise, SQL Server, PostGIS, Python, Javascript, CSS, HTML, Leaflet, Mapbox, Carto, D3, RTK total station, Bootstrap, Windows and Macintosh operating systems.

## EXPERIENCE

### Golden Gate National Parks Conservancy, San Francisco, CA – GIS Specialist

April 2016 – Present

- Designed, piloted and implemented deployment of Conservancy ArcGIS Online Organizational Account.
- Managed Conservancy wide GIS license deployments for 60 end users
- Managed extensive cache of geospatial datasets from vector files of work performed to point clouds of LiDAR for all of Marin County.
- Managed and developed annual GIS departmental budget

- Developed and performed extensive trainings ranging from Collector and ArcGIS online to introductions to GIS.
- Provided GIS technical support to all staff

### **City of Healdsburg, Healdsburg, CA – GIS Specialist**

August 2015 – April 2016

- Initialized GIS department for the city
- Deployed the first intranet based map viewer for the city
- Migrated all city data into local government information model (LGIM) for building utility geometric networks and managing geospatial assets
- Setup and deployed user accounts for ArcGIS Enterprise and ArcGIS Online

### **Stetson Engineers Inc., San Rafael, CA – GIS Manager**

December 2005 – August 2015

- Promoted to in 2007 and managed 2 person GIS staff
- Transitioned the company to implementation and deployment of web based and mobile mapping technologies. Spearheaded the transition away from shapefile data model to the use of geodatabase model company wide
- Managed a GIS database in the quantification of water resources and the irrigability of lands for the 30,000-acre Flathead Indian Reservation, Montana.
- Used hydrogeologic overlay analysis to determine land owners for initial service in water right settlement cases. Produced high quality cartographic map books for use in court exhibits.
- Created places of use from legal descriptions using coordinate geometry (COGO) tools.

## **EDUCATION**

### **University of Kentucky, Lexington, KY – Master of Science in Digital Mapping**

October 2020 – Expected Graduation 8/2022

### **University of Kentucky, Lexington, KY – Graduate Certificate in Digital Mapping**

October 2019 – June 2020, Online – 4.0 GPA

### **University of California Santa Barbara, Santa Barbara, CA – Bachelor of Arts, Geography**

September 2000 – June 2002, Graduated with high honors and distinction in the major.