

I am writing to you and the HPC board to express interest in joining the Commission.

My background and qualifications include:

Bachelor's and Master's Degrees in Anthropology, with focus in archaeology. I worked as a professional archaeologist and ethnographer in Montana. I am still a Registered Professional Archaeologist (RPA) and currently work as a Geographic Information Systems (GIS) Professional for an environmental consulting firm, TRC Companies. I have a sound knowledge in cultural heritage planning and permitting at local, state, and federal levels, including Section 106 of the National Historic Preservation Act (NHPA).

In addition, I am skilled in digital preservation techniques. My most recent project has been to support the Black Burials Project for the Preservation Society of Charleston.

I officially moved to Stone Mountain in March of 2023. I desire to work with the City on how to move into the future, while preserving our culture and character.

I look forward to hearing from you and the board. Please let me know if you need additional information.

Regards,
Rebecca Spring, MA, RPA, GISP

REBECCA W. SPRING

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PROFESSIONAL EXPERIENCE

JUNE 2015 – PRESENT

SENIOR GIS ANALYST, TEAM LEADER, TRC COMPANIES, INC.

- Manage a team of 6 GIS analysts and technicians.
- Oversee timeline completion, workload delegation/prioritization, budget monitoring, provide technical support and training.
- Contributor to the Quality Team to ensure quality assurance and quality control.
- Maintain and design geodatabases, spatial database engines, hosted feature layers, field map applications, online map viewers and dashboards.
- Support environmental and engineering projects by providing spatial analysis, database analysis, map creation, and impact calculations for federal, state, and local agency regulations and/or client due diligence.
- Project manager of stand-alone GIS support projects, typical budget \$10-20k.
- Communicate directly with external clients and across company sectors.
- Attained FAA Remote Pilot (drone) certificate, October 2018.
- Graduate of the TRC RISE Program, TRC's professional development program
- Spearhead the new-hire group for junior GIS staff.

SEPTEMBER 2012 – JUNE 2015

GIS ANALYST, ELECTRICAL CONSULTANTS, INC.

- Provided GIS Support to various aspects of electrical transmission, substation, renewable energy, and natural gas pipeline projects.
- Prepared maps, tables, and other documents for permitting, including support for public meetings and other agency documents ancillary to the permitting process.
- Maintained online mapping services and customized GIS tools.
- Understood and presented data reflecting the interplay between a proposed project and the surrounding environment.
- Researched federal and state compliance requirements and local government regulations.
- GIS Team Coordinator, August 2014 – June 2015

JUNE 2011 – SEPTEMBER 2012

GIS TECHNICIAN, ETHNOSCIENCE, INC.

- Created maps for archaeological and historical reports based on SHPO (State Historic Preservation Office) and clients' standards.
- Maintained GPS units for field survey and post-processed all collected data.
- Conducted TCNS (Tower Construction Notification System) tribal consultation.
- Authored over 200 ethnographic reports for cellular tower survey projects.
- Supervised office personnel on ethnographic research and reports, database management, and reviewed GIS tasks

EDUCATION

**M.A. ANTHROPOLOGY, NORTHERN ILLINOIS UNIVERSITY,
DEKALB, IL (2011)**

**B.A. ANTHROPOLOGY, UNIVERSITY OF NORTH CAROLINA,
CHAPEL HILL, NC (2008)**

SKILLS

- Esri Stack (ArcGIS Desktop, ArcGIS Pro, ArcGIS Online, ArcGIS Enterprise, Field Maps, Survey 123, Spatial Analyst, 3D Analyst, Model Builder)
- Microsoft Office 365 (Word, Excel, Outlook, Access, SharePoint, PowerPoint, Visio)
- Adobe Design Suite
- Other Software: QGIS, Global Mapper, Fulcrum, Surfer, Google Earth, AutoCAD Map3D
- Photography, Photogrammetry
- Project Management (proposals, invoicing, timelines)
- Staff Management (training, KPIs)
- Cloud Based Hosting Services: Google Drive, Amazon Web Services
- Scripting Languages: (in order of proficiency) Python, HTML, Arcade, SQL, JavaScript

LICENSES, CERTIFICATIONS

- GIS Professional (GISP) certificate, issued by GISCI January 2015, #90353
- FAA Part 107 Remote Pilot, issued by Institute of Maintenance-Atlanta October 2018, #4189237

PROFESSIONAL PRESENTATIONS AND PUBLICATIONS

- 2023 Character Areas, Historical Development, and other Posters, for Village Forward Non-Profit. Presented at Village Forward Wednesdays meetings in Stone Mountain Village, on-going.
- 2023 Parking Locations for Tunes by The Tracks, for the Tunes by the Tracks Non-Profit. Available on their social media channels, on-going.
- 2021 "Walls and Pathways: GIS Analyses of Defensibility and Spatial Organization, Huamanga Province, Peru." Poster presentation during the poster session, "Andean Archaeology: Middle Horizon Through Late Horizon" at the 86th Annual Meeting of the Society of American Archaeology. Online. April 14-17, 2011.
- 2021 "Enemies and Allies: GIS Analyses of Late Intermediate Period Defensibility and Settlement Patterns in the Huamanga Province of Peru" paper presentation during the General Session: Topics in Andean Archaeology at the 86th Annual Meeting of the Society of American Archaeology. Online. April 14-17, 2011.
- 2015 "Creating Substance from a Cloud: Low-Cost Product Generation," Computer, Feb: 67-74. *Map featured on page 70.*
- 2014 "Developing a low-cost 3D imaging solution for inscribed stone surface analysis," Journal of Archaeological Science (in press). *Maps featured on pages 99-101.*
- 2014 "Grassroots GIS at the Intermountain Conference," Geomatics World (May/June): 32 – 34. *Map featured on page 34.*
- 2011 "Analysis of Archaeological Site Distribution in the Huaura Valley." poster presentation during the poster session, "Mapping Techniques and American Landscapes" at the 76th Annual Meeting of the Society of American Archaeology. Sacramento, California. March 30 – April 14, 2011.
- 2011 "An Anthropologist Courts GIS: Implications for Clean Water Act Policy and Enforcement in Illinois." Spring 2011 Geography Colloquium Series, Spring 2011. With Dr. Kendall Thu, Department of Anthropology, Northern Illinois University. March 11, 2011.
- 2010 "Analysis of Archaeological Site Distribution in the Huaura Valley." poster presentation in the field of Interdisciplinary Research (Behavioral Sciences and GeoSciences) at the Sigma Xi Annual Meeting and International Research Conference. Raleigh, North Carolina. November 12 – 13, 2010.