
EDUCATION STATUS

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|--|------------------------|
| o Master in Natural Resource Management - | August 2017 – May 2019 |
| o BA in Environmental Studies- | August 2012-May 2016 |

SKILLS

- Efficient, adaptable, and proactive
- Strong interpersonal and team leadership skills
- Able to work in a team environment with good communication skills
- Well-versed in GIS (ArcGIS Enterprise, ESRI AEC, and ArcGIS Online, QGIS), remote sensing (ENVI, Landset, Drone data), geospatial techniques, Python
- Strong data analysis and analytical skills (R, SAS)
- proficiency in Microsoft Office suite (Excel, Access, Word, Power Point) including macros, QBE, and SQL queries
- Environmental and safety compliance expert with familiarity of NEPA, GMP, OSHA, FDA, EH&S, local, state, and governmental policies, and regulations

EXPERIENCE

GIS Administrator/Environmental Compliance Specialist-

Feb 2022 – Dec 2022

- Utilize a range of tools for meeting project objectives, including the creation of web maps using ArcGIS Enterprise, ESRI AEC, and ArcGIS Online; configuring mobile GIS data collection apps (Survey 123, Collector, and Field Maps), and creating scripts and tools that automate tasks
- Utilize remote sensing techniques (ENVI, Landset), spatial analysis, and GIS skills to construct multi-source geospatial intelligence databases
- Provided technical GIS expertise to multi-disciplinary projects and digitalization activities, including map production, geospatial analysis, data visualization, and worldwide dataset sourcing and validation
- Collaborated and worked with the CAD division to create workflow processes
- Assist with evaluation and interpretation of local, state, and federal statutes, regulations, and policies to determine compliance requirement
- Assist project teams in the preparation of wetland delineation reports, ecological study reports, mitigation plans, impact assessments, and pertinent sections of NEPA documents
- Assist in conducting field surveys, assessments, and collecting project-related data for analysis in environmental impact projects
- Construction waste disposal reclamation

Grain Inspector/ QC-

Feb 2021 – Feb 2022

- Worked safely in a laboratory environment while adhering to GMP, OSHA, USDA, Environmental Health, and Safety guidelines
- Utilized wet chemistry, experimental milling and baking methods, and bio-chemical analysis to evaluate the performance of grains, seeds, flours, bakery mixes, and finished products
- Reliably records and communicates accurate results using appropriate communication tools
- Generated reports, SOP, and certificate of analysis
- Communicated with upstream and downstream partners as well as national and international clients (ie. Japan, Philippines, Canada, Thailand, Australia, etc)
- Performs routine calibration and maintenance of lab equipment to ensure the accuracy of results and troubleshoot equipment problems to identify root causes & resolve issues.

Assistant Complex Manager-

June 2018 – December 2021

- Facilitate a positive living/learning community in the NDSU apartments
- Primary resource and source of support for 200+ tenants
- Maintain the building and facility environment
- Organized social events for 500+ apartments in the community
- 2018 served on the staff development team specializing in engaging and expanding on the group's dynamic
- 2019 served on the community engagement team specializing in community improvements
- 2020 served on the outreach team specializing in social media
- Tend to administrative bookkeeping with daily condition logs and weekly occupancy reports

Research Scientist/GIS Specialist-**Nov 2019 – Nov 2020**

- Designed, implemented, and conducted research on soybean cyst-nematode resistance in dry beans
- Analyzed data and reported research findings
- Conduct fieldwork through crop surveys and regular farm visits
- Created a multi-source geospatial map of viral spread using remote sensing techniques and GIS skills (ESRI, ArcMap)
- Managed and delegated workflow of 5 research assistant

Treasurer –*Political Party***November 2018- Present**

- Performs the duties of an accountant
- Manage party budget and expenditures
- Deposit, transfer, and invest party funds
- Ensure compliance with state and local laws
- Generate financial reports as needed

Legal Intern –**June 2017- August 2017**

- Assisted with research and drafting of litigation materials for use in state and federal court proceedings
- Monitored and analyzed state and federal legislation

OTHERS**GIS/Environmental Consulting - *Independent*****May 2014 – present**

- Profiling 3D GIS Technology Adoption in Natural Resource Management through Keyword Analysis (2019)
- Remote sensing analysis of Landsat data to analyze Guanacaste for habitat loss (2019)
- Creation of Hydrological maps to analyze topsoil loss near Itasca state park (2018)
- Creation of client-side digital archival database for Local historical society (2017)
- Outdoor Light Pollution Reduction at the Concordia Campus (2016)
- Created a historically accurate digital map (2015)

Others – *Independent***June 2011-present**

- Digital Archiving and AV Diagnostics 2010 -2020
- Profiling bacterial wet root rot (*Fusarium*) of cassava 2020
- Profiling 3D GIS Technology Adoption in Natural Resource Management through Keyword Analysis 2019
- Remote sensing analysis of Landsat data to analyze Guanacaste for habitat loss 2019
- Creation of Hydrological maps to analyze topsoil loss near Itasca state park 2018
- Lifeguard team lead (Concordia College) 2013
- Music Sale Associate 2008- 2011
- Digital Sale Assistant 2012- Present
- 3D printing enthusiast 2019-Present
- Red River, River Keepers Eagle Scout 2011