Colin Timothy Stiles

LinkedIn | Email | Alpharetta, GA

SUMMARY

Willing to relocate. A results-oriented and efficiency-driven GIS Professional (GISP) with over 5 years experience working with GIS and geospatial technologies in various industries, including military and defense, forestry, and most recently in environmental and hydrology practices in AEC. Proven expertise in spatial data management, complex geospatial analysis, cartographic design, project and team management, and delivering accurate and timely solutions to clients.

EXPERIENCE

GIS Lead & Environmental Consultant | *Kimley-Horn & Associates* | *May 2022 - Present*
- Acquire, process, and manage spatial and tabular data, including remote sensing datasets and other vector and raster datasets.
- Perform advanced analyses using ArcGIS Pro, QGIS, and Python and Arcade programming to support project needs across various engineering practices.
- Support interdisciplinary consulting and engineering teams by creating cartographic maps with Esri's ArcGIS suite and Google Earth Pro.
- Collect field data with GPS devices through the ArcGIS Enterprise cloud platform for enhanced desktop spatial processing and analysis.
- Conduct comprehensive environmental assessments, including aquatic resource surveys, Phase I and II environmental site assessments, and ecological surveys.

River Lead & Guide School Trainer | *US National Whitewater Center* | *March 2019 - October 2023*
- Function as Raft Department on-site manager and lead new guides through a five day training course. Responsible for daily operations which includes overseeing safety trip talks, managing all Trip Leads and Raft Guides, responding to guest incidents and injuries, and maintaining on-water safety standards.

Pre-sale Forester & Wildland Firefighter | *US Forest Service* | *May 2020 - August 2021*
- Conduct tree stand surveys with Trimble GPS devices to delineate timber unit boundaries and calculate various timber metrics.
- Use ArcGIS Pro to create cartographic maps of timber sale units and calculate various statistics.
- Perform on-call duties of wildland firefighter and assist in the prevention and fighting of wildfires throughout national forests of the Pacific Northwest.

Airborne Infantry (11B) | *US Army* | *February 2016 - February 2019*
- Lead and manage small teams of up to 10 highly specialized infantry soldiers with secret or top secret clearances. Conduct intense field training exercises for preparation of overseas deployments.
- Read and decipher both physical and digital topographic and navigational maps for traversing various landscapes. Utilize GPS and GNSS technologies for navigation and search and rescue operations.

EDUCATION & CERTIFICATIONS

M.S. GIS & Geoinformatics | *Colorado School of Mines* | *May 2024*
- 4.0 GPA, while working full time for Kimley-Horn

B.S. Geography | *University of North Carolina - Charlotte* | *May 2023*
- 3.98 GPA, graduated top of class "Summa Cum Laude"

B.A. Environmental Studies | *University of North Carolina - Charlotte* | *May 2023*
- 3.98 GPA, graduated top of class "Summa Cum Laude"

GIS Professional (GISP) | *GIS Certification Institute* | *July 2024*

Data Analytics Professional Certification | *Google* | *2023*

Remote Pilot (UAS) Certification | *Federal Aviation Administration* | *2023*

SKILLS

- Esri Suite (ArcGIS Pro, Enterprise, Experience Builder, etc.)
- Python & Arcade
- QGIS & SQL
- MS Office Suite (SQL Server, Azure, etc.)
- Google Suite (Earth Pro, Earth Engine, Colab, etc.)
- Geospatial Analysis
- Remote Sensing
- Geostatistics
- Database Management
- Project Management
- Team Leadership & Conflict Management
- Client Support
- Technical Writing
- Public Speaking