

## SUMMARY

**Willing to relocate.** A results-oriented and efficiency-driven GIS Professional (GISP) and environmental consultant in the AEC industry. Over 5 years experience working with GIS technologies and managing environmental regulations in military and defense, forestry, and most recently in renewable energy and civil projects. Proven expertise in spatial database management and complex analyses, cartographic design, software administration, stream and wetland delineations, protected species conservation, project and team management, and delivering actionable and timely solutions to clients.

## EXPERIENCE

### **GIS Lead Analyst | Kimley-Horn & Associates | May 2022 - Present**

- Acquire, process, and manage spatial and tabular data, including remote sensing datasets and other vector and raster datasets in various relational database environments.
- Perform advanced data analyses using ArcGIS Pro, QGIS, Python, and SQL to support project needs across various engineering practices.
- Support interdisciplinary consulting and engineering teams by creating cartographic maps and interactive visualizations with Esri's ArcGIS suite, Google Earth Pro, and Microsoft products.
- Collect field data with GPS devices through the ArcGIS online cloud platform for enhanced desktop spatial processing and analysis.
- Administer user roles and privileges to groups in ArcGIS Enterprise and ArcGIS Online. Troubleshoot technical issues with users.

### **River Lead & Guide School Trainer | US National Whitewater Center | March 2019 - October 2023**

- Raft Department on-site manager. 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.
- Create static maps with ArcGIS Pro of timber sale units and calculate various statistics such as basal area and estimated board feet.
- 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 & SOFTWARE

Esri Suite (ArcGIS Pro, Enterprise, Online, Experience Builder, etc.); Python; QGIS; SQL; PostGIS & PostgreSQL; Microsoft Office Suite (SQL Server, Azure, etc.); Google Suite (Earth Pro, Earth Engine, Colab, Big Query, etc.); RESTful APIs; Arcade; Blender; HTML; CSS; JavaScript; Project & Personnel Management; Team Leadership; Technical Writing; Public Speaking; Client Relations & Support; Time Management; Mentorship & Training