

MICHAEL BERNA



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OBJECTIVE

Motivated geospatial science student with strong experience in GIS, remote sensing, and cartography. Seeking a hands-on internship to apply technical skills in ArcGIS Pro, Python, and field mapping in support of multidisciplinary engineering teams.

EDUCATION

Bachelor of Applied Science in Geospatial Science

Front Range

Community College

Jan 2023- May 2026

Major GPA: 3.91

SKILLS

- FAA Part 107-Certified Drone Pilot
- Working proficiency in Python, SQL, Bash, Java, HTML
- Fluent in ArcPro, ArcGIS Online, Experience Builder, PostgreSQL, PostGIS, and Microsoft Office products (Excel, Word, SharePoint and OneDrive)
- Strong organizational and communication skills
- Training and Mentoring experience
- Data analysis and management.

PROFESSIONAL EXPERIENCE

GIS Intern

Town of Windsor, Windsor, CO | May 2024 – December 2024

- Created multiple AGOL applications to provide insights into internal testing for internal stakeholders or showcase different aspects of GIS data to the public.
- Helped to redesign a comprehensive public tool for matching parcels with all necessary information using Arcade, HTML, and CSS.
- Created multiple cartographic maps for use in emergency planning for the Town of Windsor and Larimer Emergency Telephone Authority.

Director of Adventure Camps

Genesis Health Clubs, Fort Collins, CO | June 2019 – May 2024

- Managed 21 employees across multiple locations responsible for the safety of youth during outdoor excursions.
- Utilized GIS and programming skills to develop a new website showcasing program locations for families and staff.

Instructor – Northern Warfare Training Center

U.S. Army, Fort Wainwright, AK | 2017 – 2019

- Trained over 1200 leaders across the Department of Defense in cold weather and mountain operations.
- Selected as one of two DOD members to participate in NATO Mountaineering Summit in Slovenia to develop new standards and doctrine for NATO countries.

GIS PROJECTS

- Developed a cross-platform automation pipeline using Python and PowerShell to monitor live weather data, download and preprocess files, and publish updated flood datasets to an ArcGIS Online dashboard for real-time situational awareness.
- Analyzed terabytes of remote sensing and GIS data to study farmland changes in eastern Ukraine since the start of the war.