

GIS technician with 3+ years of experience in both office and field environments. Proficient with using industry standard mapping software such as ArcMap, ArcGIS Pro, and QGIS. Certified drone pilot with over 35 hours of flight time and experienced in operating professional GNSS software and equipment.

PROFESSIONAL EXPERIENCE

Archer Cultural Resource Management | Feb. 2022 - Present

Junior Geomatician

- Design professional map figures for archaeological assessment reports and site forms submitted to the BC Archaeology Branch
- Manage spatial data for large infrastructure and resource extraction projects such as the Pattullo Bridge replacement, Site C project, and Copper Mountain mine
- Collect and process drone imagery to track project progression and generate updated orthoimagery for mapping
- Conduct fieldwork using Trimble and handheld GNSS equipment in remote areas to define project boundaries, record archaeological sites, and collect testing data

Spexi Geospatial | Apr. 2024 - Aug. 2024

Drone Pilot

- Operated 61 drone flights across southwest and northeast British Columbia, delivering high quality and up-to-date aerial imagery to enhance wildfire preparedness, response, and risk assessment
- Performed pre-flight inspections and assessed flight areas using satellite imagery and on-site surveys to identify potential hazards and no-fly zones

CBRE Canada | Jan. 2021 - May 2021

GIS Analyst Intern

- Analyzed census and mobility data to identify commercial real estate opportunities across Canada, providing market insights to clients
- Automated data processing and visualization of large-scale Excel datasets using Python (Pandas, NumPy), improving workflow efficiency

EDUCATION

British Columbia Institute of Technology | Sep. 2020 - May 2021

Advanced Diploma in Geographic Information Systems

University of British Columbia | Sep. 2016 - Apr. 2020

Bachelor of Arts - Major in Human Geography, Minor in Economics

CERTIFICATIONS

Transport Canada | Remotely Piloted Aircraft (VLOS) Pilot Certificate - Basic Operations

Alert First Aid | Occupational First Aid - Level 1