

Travis Clapp

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travisclapp.ca

Professional Summary

Detail-oriented and technically proficient GIS Specialist with over 4 years of experience in spatial data analysis, cartography, asset mapping, and field data integration. Adept at supporting environmental, municipal, and land survey projects through accurate data management, visualizations, and workflow automation. Committed to continuous learning and delivering high-quality, actionable geospatial insights.

Core Competencies

- GIS Analysis & Cartography
 - Municipal Infrastructure & Asset Mapping
 - LiDAR & Raster Data Processing
 - ArcGIS Pro, QGIS, AutoCAD, Global Mapper
 - Python, SQL, ModelBuilder, FME
 - Survey123, Field Maps, GPS Field Collection
 - Land Tenure & Crown Land Data
 - Environmental & Utility Mapping
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Education

B.A.Tech. Geographic Information Systems (*in progress, GPA: 3.93*)

Southern Alberta Institute of Technology (SAIT), Calgary, AB

Diploma in Data Science, Concordia University (remote), 2021

Additional coursework in Environmental Science and Planning

Experience

GIS Specialist & Draftsperson

Align Surveys Ltd. | Fernie, BC | 2024–Present

- Developed and maintained spatial datasets for legal surveys, site plans, and tenure applications

- Produced topographic, tenure, and hydrological maps for land use planning
- Integrated field GPS data into mapping workflows; supported submission of survey products

Engineering/Geospatial Technician

Groundtech Engineering | Fernie, BC | 2020–2022, 2025

- Created custom Excel tools to perform and standardize complex formula-driven calculations
 - Supported legal permitting and development applications with GIS and CAD deliverables
 - Processed and validated LiDAR and raster datasets for engineering and planning teams
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Technical Skills

- **GIS Platforms:** ArcGIS Pro, ArcGIS Online, QGIS, Survey123, Field Maps, SAGA GIS
 - **Software:** AutoCAD, Global Mapper, BI, Microsoft Excel
 - **Scripting & Automation:** Python, SQL, R, FME, ModelBuilder
 - **Data Formats:** LiDAR, DTM, Raster, CSV, CAD, Parcel Data, Utility Infrastructure
 - **Hardware:** Trimble GPS, TopCon systems, Dip Meter
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Certifications & Awards

- Valid Class 5 BC Driver's License
 - Vice President, SAIT BGIS Club (2023–2024)
 - 1st Place, Teck Capstone Showcase – Biomass Impact Mapping (2024)
 - Pilot Certificate - Basic Operations (2025-10)
 - Pilot Certificate – Advanced Operations (TBD)
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