

KEVIN DE SOUZA

CONTACT

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📍 Castlegar, BC

☎ (236) 889 - 9606

KEY QUALIFICATIONS

- Data Analysis
- Python
- SQL
- Project Management
- ESRI and FOS GIS Software
- Technical Writing

CERTIFICATIONS

📖 Occupational First Aid Level 3,
November 2020

📖 S100 Basic Fire Suppression,
April 2021

VOLUNTEER EXPERIENCE

📖 Commissioner of the Nelson
Basketball League (NBL)
Volunteer at Nelson Hoops

📖 Volunteer Trail Builder with the
Castlegar Parks and Trails
Society

Spatial Data Analyst at the Ministry of Energy, Mines and Low Carbon Innovation with experience collecting, processing, and analyzing spatial data. Adept at providing geospatial support services to the Mines, Competitiveness and Authorizations Division and the Mines, Health Safety and Enforcement Division. Experience in analysing, creating and maintaining geospatial information within Oracle databases and GIS environments. Experience working within team environments; communicating technical information pertaining to spatial analysis and tool development through video and messaging.

WORK EXPERIENCE

Spatial Data Analyst

Ministry of Energy Mines and Low Carbon Innovation | August 2022 - Present

- Developed ArcGIS tools using python to aid in the efficient completion of spatial data processing procedures
- Regularly volunteered to take on projects that encouraged growth and development within my role
- Conducted advance data analysis to assist the decision making throughout permitting and approval process for regional and major mines in British Columbia
- Capitalized on training opportunities to develop understanding of Indigenous perspective in British Columbia

Geospatial Research Intern

Selkirk Innovates | May 2022 - Present

- Collected and processed LiDAR data pertaining to hydrological recovery research within various forest stands in the Kootenays.
- Assisted in the development of RPAS Ground School at Selkirk College.
- Utilized Command Prompt scripting and python pipelines to automate point cloud processing.
- Created appealing web maps for various projects using Esri products

EDUCATION HISTORY

Selkirk College

Honours Advanced Diploma: GIS | Sept 2021 - April 2022

- Gained experience using proprietary and open source GIS and design software.
- Applied experience to complete remote sensing, and cartographic research projects.
- Studied relational databases, SQL, and database management.

McMaster University

Honours B.A Geography & Environmental Studies | Sept 2013 - April 2019

- A student of the Haida Gwaii Institute: gained fieldwork experience, and studied the legal precedent pertaining to indigenous title rights in Canada.