

# JESSE STREIGHT

GIS Student

| [jstreight@my.bcit.ca](mailto:jstreight@my.bcit.ca) | [LinkedIn](#)

## HIGHLIGHTS OF QUALIFICATIONS

---

- Completion of all courses as part of a BCIT Bachelor of Technology in Geographic Information Systems (GIS).
- Experience using ArcGIS Pro, ArcGIS Indoors, ArcGIS Online, Experience Builder, StoryMaps Survey123, Field Maps, Python, ArcPy, AutoCAD, SQL, PostgreSQL, Oracle, FME, Java, JavaScript, PHP, HTML, Cartography, CSS, MS Office (Outlook, Excel, Word, PowerPoint).
- Self-motivated with excellent verbal & written communication skills.
- Patience in dealing with complex issues.
- Analytical thinking and problem-solving skills with attention to detail.

## EDUCATION

---

### **British Columbia Institute of Technology**

*Bachelor of Technology in Geographic Information Systems*

Sept 2022- April 2024

- Worked collaboratively on a project sponsored by ESRI Canada to create a BCIT Indoors geodatabase.
- Created supplemental online applications to display BCIT data to enhance current asset and booking management systems.
- Converted/edited BCIT AutoCAD data into an ArcGIS Indoors geodatabase.
- Developed personal, data-retrieving, data-displaying, and map application websites using HTML, CSS, PHP, and JavaScript.
- Developed Python programs that extracted specific variables from Excel files, determined buffer zones, and reported geometry classifications.
- Exposed to ArcGIS enterprise geodatabase editing and manipulated data within an Oracle database using SQL.
- Conducted watershed, network, and spatial analysis projects within ArcGIS Pro.

### **University of Alberta**

*Bachelor of Science in Environmental and Conservation Sciences*

Sept 2011- April 2014

## WORK EXPERIENCE

---

### **The City of Red Deer | Red Deer, AB**

*Ecological Services Technician 1*

May 2012- March 2022

(2016-2022)

- Conducted physical audits to ensure the accuracy of the municipal GIS database.
- Produced maps to communicate with key stakeholders such as public and business representatives.
- Interpreted and integrated relevant data from multiple sources (.xlxs, hard copy notes).
- Assisted with integrating a work management system with an existing GIS.
- Communicated with business, municipal, and provincial government representatives to communicate and collaborate on legislative requirements.

*Parks Labourer 1*

(2012-2016)

References Available Upon Request