

# HENRY TANG

## GIS Analyst

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Eager GIS student with a passion for mapping and programming. Aims to bring GIS knowledge and skills to solve real-world problems.

## EDUCATION

### BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Sept 2020 - Present

*Advanced Diploma in GIS*

### UNIVERSITY OF BRITISH COLUMBIA

Sept 2016 - Apr 2020

*BA in Human Geography*

## SKILLS

### Software

ArcGIS Pro  
ArcGIS Desktop  
ArcGIS Online  
ArcGIS AppStudio  
AutoCAD  
Leaflet  
Oracle SQL\*Plus  
PostgreSQL pgAdmin  
QGIS

### Programming

ArcPy  
Python  
HTML/CSS  
Javascript  
SQL

## LANGUAGES

English  
Cantonese

## EXPERIENCE

Jan 2021  
Present | **CBRE CANADA**  
*GIS Analyst Intern*

- Performed geocoding and manual verification of large datasets
- Automated data cleaning and sorting using Python

Dec 2020  
Present | **HUMANITARIAN OSM TEAM**  
*Volunteer Mapper*

- Aided disaster relief and human rights efforts by digitizing building, road, and water features
- Edited and aligned existing features to updated satellite imagery

Aug 2016  
Aug 2020 | **JYSK CANADA**  
*Warehouse Associate*

- Rearranged layout of the warehouse to maximize efficiency and minimize injury
- Managed weekly incoming and outgoing furniture deliveries worth up to \$25,000

## PROJECTS

Feb 2021 | **SAR CALL-OUTS IN THE  
NORTH SHORE MOUNTAINS**

- Collected data for search and rescue calls from 2018 to 2020 and created an interactive Leaflet heatmap

Apr 2020 | **UBC COMPOST BIN  
CONTAMINATION STUDY**

- Conducted inventory of compost bins on campus and explored link between accessibility and contamination

Dec 2019 | **FORT MCMURRAY WILDFIRE  
DAMAGE ANALYSIS**

- Mapped fire progression and damage and performed a geostatistical analysis on housing vulnerability