

HENRY TANG

GIS Analyst

778-323-7682

henrytang@htang.me

htang.me

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

EDUCATION

BRITISH COLUMBIA INSTITUTE OF TECHNOLOGY

Sept 2020 - May 2021

Advanced Diploma in GIS

UNIVERSITY OF BRITISH COLUMBIA

Sept 2016 - Apr 2020

*BA - Major in Human Geography,
Minor in Economics*

SKILLS

SOFTWARE

ArcGIS Pro
ArcMap
ArcGIS Online
QGIS
AutoCAD
ENVI
PostgreSQL
PCensus Analyst
Adobe Illustrator
Microsoft Office suite

PROGRAMMING

Python (ArcPy, Pandas, NumPy)
JavaScript (Leaflet, ArcGIS API)
HTML/CSS
SQL

LANGUAGES

English
Cantonese

EXPERIENCE

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

- Analyzed mobility datasets by creating hexbins of foot traffic datapoints and tabulating data pulled from geofences
- Created a Python script that automated processing and visualization of Excel datasets using the Pandas and Numpy libraries
- Developed thematic maps based on census data and ESRI's Tapestry Segmentation profiles

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

- Aided disaster relief and human rights efforts by digitizing building, road, and water features using OpenStreetMap and JOSM

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

- Managed weekly incoming and outgoing furniture shipments worth up to \$25,000

PROJECTS

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

- Collected data for local 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