HENRY TANG

GIS Analyst

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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 suite (Pro, Map, Online)
QGIS
AutoCAD
ENVI
PostgreSQL
PCensus Analyst
Adobe Illustrator
Microsoft Office suite

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

CERTIFICATIONS

ESRI MOOC | Going Places with Spatial Analysis *(Nov 2021)*

ESRI MOOC | Spatial Data Science: The New Frontier in Analytics *(ongoing)*

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

- Created an interactive Leaflet heatmap for local search and rescue calls from 2018-2020 to identify high risk areas and potential causes

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