Elliot Tan

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Education:

McGill University- B.A Faculty Program in the Ecological Determinants of Health   2012-2017

Regiopolis- Notre Dame Catholic High School- OSSD, Honour Roll   2008-2012

Skills/ Certifications:

Academic Research: Research design and principles
Academic Writing
Adobe: Aftereffects, Premiere Pro, Photoshop
Budget Creation
Programming Languages (in order of experience): Javascript, Python, HTML, CSS, Java, SQL, Bash, C
GIS Software- ArcGis Suite, QGIS
Google Products: Docs, Forms, Fusion Tables, Spreadsheets (including scripts), Maps API
Microsoft Office- Word, Excel, Powerpoint, Publisher
Misc. Data Structures/ Analysis Tools: JSON/XML, jQuery, D3.JS, Mapbox, various APIs
Statistics Software- Pandas package, NumPy

Career Related Experience:

GIS Analyst: Apex Systems onsite at Apple   February 2018 - Present

- Analyzed, validated and enhanced spatial data for consumer applications using ArcMap, QGIS, and proprietary software
- Assisted others with daily issues as arose, as well as providing QA/QC of their work
- Worked on a variety of projects, encompassing a wide range of skills

Data Consultant: Independent Contractor, Natural Resource Governance Institution Oct. 2017-January 2018

- Scraping of reports submitted under various countries' extractive sector transparency laws, covering mining and oil/gas sectors
- Curation of database of above reports, including data verification/cleaning using Python (specifically the Pandas package) to be used as an open data resource
- Additional secondary data collection per report
- Creation of GIS layers based on location data found for the projects reported
- Ongoing web map of projects with location data

Data Technician: Independent Contractor, Publish What You Pay Canada   June-October 2017

- Created database of reports submitted under Canada's Extractive Sector Transparency Measures Act
- Geo-coded locations of projects detailed in reports
- Utilized a scraping tool developed by the Natural Resource Governance Institute to achieve the above goal
- Verified data for accuracy

- Provided feedback on improving the scraping tool to its developers

Student Researcher: ENVR 401, Environmental Research, McGill University   Fall 2015

- Designed the GIS analysis (layer manipulation, raster to vector conversions, and attribute analysis) to find "hotspots" of wildlife activity near roads
- Produced a deliverable report to the *Cold Hollow to Canada* organization
- Examined the relationship between roads, forest connectivity, and keystone species in Northern Vermont

President: McGill Environment Student's Society (MESS)   2015-2017

- Delegated and organized tasks to team members to achieve an objective
- Liaison between program administration and students
- Attended faculty meetings (both Arts and Science), comprised of other student presidents, professors, and administration

VP Finance: McGill Environment Student's Society   2014-2015
- Created the annual budget for MESS
- Signed reimbursement cheques
- Applied for grant funding to renovate student space

Editor in Chief: McGill Environment Undergraduate Journal   2014-2015
- Organized and led a team of editors to select and review academic articles

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Additional Work and Volunteer Experience:

Volunteer Gardener: Campus Crops, McGill Community Garden   Summer 2017
Sales Associate: Journeys, North York Fairview Mall   Summer 2015
Bartender: Baton Rouge Restaurant, Thornhill Ontario   Summer 2015
McGill E-Sports Association: Super Smash Brothers Tournament Organizer   2015-2016
Super Smash Bros Montreal Community Volunteer   2014-2018
Femmedère Good Food Box Division: V.P Logistics   2014-2015
Global Solidarity with Hong Kong: Montreal Coordinator   October 2014
Regiopolis-Notre Dame Catholic High School Students' Council: Head Boy   2011-2012

Canta Arya Strings: Violin Tutor   2009-2012

Current Projects/ Websites:

Github: www.github.com/ellio-tan
Website: ellio-tan.gitub.io

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Languages Spoken:

English: High degree of proficiency in speaking, understanding, reading, and writing
Cantonese: Moderate degree of proficiency in verbal understanding and speaking