


AYSHA QURESHI

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 MISSISSAUGA, ON

SKILLS

GEO/VISUALIZATION & DATA
ANALYSIS:

ARCGIS PRO



ADOBE ILLUSTRATOR, AUTOCAD



PROGRAMMING, DATABASES & WEB
DEV:

PYTHON, SQL



R



ESRI PRODUCTS (ARCGIS
ENTERPRISE, AGOL, ETC.)



HTML, CSS, JAVASCRIPT



FME



RESEARCH & REPORTING:

TECHNICAL & JOURNALISTIC
WRITING



PRIMARY & SECONDARY RESEARCH



DATA TRANSFER METHODS & APIS:
REST & REST APIS, XML, JSON,
ARCGIS APIS



VOLUNTEER WORK

ISNA CANADA FOOD BANK

2018-2023

BUDDS' IMPORTED CARS
WARRANTY ADMIN
ASSISTANT

2018-2022

UTM STUDENTS UNION |
B.O.D.

2020-2022

EDUCATION

FLEMING COLLEGE

SEPT. 2023 - MAY 2024

POST GRADUATE DIPLOMA | GIS APPLICATIONS SPECIALIST

UNIVERSITY OF TORONTO

SEPT. 2018 - SEPT. 2022

HONOURS' BACHELOR OF SCIENCE | ENVIRONMENTAL SCIENCE

EMPLOYMENT

DS CONSULTANTS LTD.

SEPT. 2022 - SEPT. 2023

ENVIRONMENTAL SPECIALIST | CONSULTING

- REVIEWING, WRITING, AND EDITING PHASE I & II ESAs, AND RA PLANNING DOCUMENTS
- TECHNICAL SPECIFICATION AND PROPOSAL WRITING
- INITIATED LAB DATA WORKFLOW AUTOMATION ON EXCEL
- FIELDWORK TO ASSIST PROJECT MANAGERS AND TEAM - SOIL, GROUNDWATER AND AIR QUALITY TESTING; SITE VISITS AND ASSESSMENTS; CLIENT COMMUNICATION.

ATOZ TUTORING

SEPT. 2019 - JAN. 2023

PRIVATE TUTOR

TAUGHT MANY SUBJECTS INCLUDING BASIC AND ADVANCED MATH, SCIENCE, AND ENGLISH TO STUDENTS FROM ELEMENTARY THROUGH UNIVERSITY LEVELS.

POWER TO GIRLS TORONTO

SEPT. 2020 - JAN. 2022

FACILITATOR, TUTOR

- FACILITATED REGULAR AFTER-SCHOOL PROGRAMMING FOR YOUNG ELEMENTARY AGED GIRLS IN SCHOOLS WITHIN THE TDSB.
- PROGRAMS STRENGTHENED ACADEMIC SKILLS, BUT ALSO TARGETED SOCIAL AND LEADERSHIP SKILLS.

PROJECTS

SPATIAL STATISTICS FOR TORONTO HOUSING

JAN. 2024 - FEB. 2024

- ACQUIRED AND CLEANED DATA IN ORDER TO FACILITATE MEANINGFUL ANALYSIS
- ADDRESS GEOCODING AND LINEAR REFERENCING OF POINT AND POLYGON DATA USING ARCGIS PRO SOFTWARE
- EMPLOYED VARIOUS NETWORK ANALYSIS TECHNIQUES IN ARCGIS PRO
- PERFORMED ORDINARY LEAST SQUARES (OLS) REGRESSION TO UNDERSTAND HOW VARIOUS INDEPENDENT VARIABLES AFFECT TORONTO HOUSING AVAILABILITY

DIGITAL HUMANITARIANISM WITH ARCGIS PRO

Nov. 2023

- CREATED A GEOVISUALIZATION MAP TITLED "A CASE OF MODERN DAY SLAVERY: HOW THE KATANGA REGION OF THE DEMOCRATIC REPUBLIC OF CONGO FACES AN EXPLOITATION LIKE NO OTHER".
- USED OPEN SOURCE DATASETS AND INFORMATION FROM HUMAN RIGHTS ORGANIZATIONS AS REFERENCES.
- HIGHLIGHTED THE SEVERE IMPACTS OF THE MINING INDUSTRY IN THE KATANGA REGION AND SURROUNDING AREAS OF THE DRC.
- APPLICATION OF GEOVISUALIZATION AND SPATIAL ANALYSIS TECHNIQUES; CARTOGRAPHIC CONVENTIONS.
- FACILITATED GIS AUTOCAD CONVERSION TO PRODUCE DUAL OUTPUT

COVID-19 BIO-IMPACTS

Nov. 2022

USING SQL SERVER MANAGEMENT STUDIO AND RELIABLE OPEN SOURCE DATA, CLEANED UP AND EXTRACTED VARIOUS INSIGHTS FROM THE MOST UP TO DATE COVID-19 WORLD POPULATION DATA; DEATHS, VACCINATIONS, INFECTIONS, ETC.

CREATED A DASHBOARD VIA TABLEAU TO VISUALIZE FINDINGS.