MOSTAFA ASAAD
GIS ANALYST

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PERSONAL STATEMENT

I am a GIS analyst with a master's degree in Geographic Information System and Cartography from University of Aberdeen. I also have background in Geomatics Engineering with 3 years of experience in the domain. My latest experience and projects were focused on using spatial analysis, Python and R programming as well as remote sensing techniques in GIS.

HIGHLIGHTS

- 3 years of experience working as a Geomatics Engineer.
- Bachelor's degree in Geomatics Engineering.
- Master's degree in Geographic Information System and Cartography.
- Thesis: Using Spatial Analysis to Investigate Cities' walkability in Mississauga and Brampton.
- 6 months GIS internship at a governmental institution (CNRS).
- Completed a Time and Project management course at Order of Engineers and Architects in Lebanon.
- Well proven analytical and decision making skills, with the ability to learn fast and problem solving under pressure.

PROFESSIONAL EXPERIENCE

Geomatics Engineer   **Apr 2017 – Sep 2019**
Asaad for Engineering and Contracting, Lebanon
Was a part of an engineering office and had a significant role in:
- Designing urban land divisions based on city regulations.
- Providing property acquisition solutions for customers.
- Using Auto-CAD and Civil 3D for roads, parcels and buildings designs.
- Completing land surveying missions by using surveying instruments like: GPS, total station and level.
- Using GPS and mobile applications for data collection.

GIS and Remote Sensing Intern   **Nov 2016 – Apr 2017**
National Center for Remote Sensing, Lebanon
- Was introduced into a GIS working environment and had the opportunity to work with highly experienced people at a governmental institution.
- Utilized ArcGIS techniques to complete spatial analysis, data management and digitization duties.
- Completed the university final year project under the guidance of professionals at the center: "Using GIS to Monitor Violations on River Public Domain".

Cad Drafter and Land Surveying Assistant (Part time)   **Jun 2012 – Aug 2016**
Asaad for Engineering and Contracting, Lebanon
- Drawing AutoCAD plans under the supervision of seniors
- Working as a land surveying assistant.

EDUCATION

MSc GIS and Cartography – University of Aberdeen (Upper second honor class)   **Sep 2019 – Aug 2020**
Dissertation: Using MCE Methods to Investigate City Walkability in Mississauga and Brampton.
- Advanced spatial analysis and R programming.
- UAV remote Sensing and image processing.
- Database Systems management.
- Fundamentals and advanced applications of map algebra.

B.Eng Geomatics Engineering – Islamic University of Lebanon   **Oct 2011 – Mar 2017**
Final Project: Using GIS to Monitor the Violations over River Public Domain.   Lebanon
- GIS Applications and Modelling.
- Urban Transportation.
- Urbanism and Urban Land Division.
- Image Processing and Remote Sensing.

Project and Time management Course   **January – 2018**
Order of Engineers and Architects   Lebanon

SKILLS

Technical skills: ESRI products (ArcGIS, ArcMap, ArcGIS online, Survey123), R programming, Python, MySQL, AutoCAD, Civil3D, ERDAS Imagine, QGIS.
Industry Knowledge: Spatial analysis, GIS modelling, Database system management, image processing, project management, image interpretation, scripting.
Personal Skills: Teamwork, time management, research, attention to details, approachable, quick learner.
Languages: Fluent in English (writing, reading and speaking) and Arabic (native)**.**