Mohamed Assem

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Highlights

- B.Sc. in Statistics and Biology at Dalhousie University
- Diploma in AI at Centennial College.
- Experience in conducting data analysis and data visualization using Python, Microsoft Excel, and R

Relevant Work Experience

En-ROADS Climate Ambassador   January 2020 - present

- Planned and executed engaging En-ROADS workshops to educate participants, including children and adult professionals, about climate change and convince them to take action to limit their ecological footprints.
- Educated participants on the comparatively high impact that electrification and energy efficiency can have on limiting residential and industrial carbon emissions and energy costs.

Embryology Intern   June 2014- August 2014

Fertilia Medical Centre, Beirut, Lebanon

- Coordinated with physicians, nurses, and administrative staff to provide world-class patient results and experiences, assisting in the collection, organization, and analysis of data from over 400 patients using Microsoft Excel.

Education

Diploma, Software Engineering Technology – Artificial Intelligence   2020-2023

Centennial College, Toronto ON

- Performed data analysis and visualization in Python in classes like Introduction to Artificial Intelligence and Supervised Learning.
- Practiced using Python libraries including Scikit-learn, Pandas, NumPy, and Seaborn.
- Built more than 20 projects using programming languages like Java, C#, JavaScript, SQL, and HTML in applications like Visual Studio and Eclipse and in a Linux environment in remaining classes.

Bachelor of Science, Statistics and Biology   2012-2019

Dalhousie University, Halifax NS

- Conducted data analysis using applications like Microsoft Excel, MATLAB, SAP, and R in classes like Regression Analysis, and Statistical Methods for Data Analysis and Inference, Sample Survey Design.
- Dean's List in Winter 2013 and Winter 2016.
- Awarded Residence Life Leader iMPACT Award for demonstrating an exceptional level of maturity and professionalism in my first year as a residence assistant in March 2014.