Nour Zein

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Toolbox

Coding & Design Tools
HTML, CSS, JavaScript, Python, D3.js, Node.js, jQuery, Excel, P5.js, SQL, NoSQL, PostgreSQL, MongoDB Github, Leaflet, Vue.js, Illustrator, Tableau

GIS Tools
Carto, ArcGIS, Mapbox, QGIS

Languages
Fluent in English and Arabic; Conversational in French and Spanish.

Awards & Certificates

Provost Scholarship, Natural Sciences and Engineering Research (NSERC), McGill International Education Mobility Award, PADI Open Water Scuba Diving Certificate

Experience

Freelance Data Visualization Developer
Urban Systems Laboratory, New York, 01.2020–
Designed and developed a web-based application that maps the potential green roofs in NYC and calculates their benefits.

GIS Research Assistant
Urban Systems Laboratory, New York, 12.2018–06.2019
Conducted statistical and spatial analysis of large New York street tree datasets, and produced maps and other supplementary data visualizations.

Urban Sustainability Research Assistant
SUMA Architectos, Panama, 05–08.2017
Conducted research for the architecture firm SUMA Architectos as part of the URBAN KHAN theoretical framework for urban sustainability issues in the global north.

Honors Thesis
McGill University, Canada, 09.2014–05.2015
Conducted independent research in the Evolutionry Ecology and Experimental Genomics Laboratory at McGill University.

Independent Research Student
McGill University, East Africa, 01–04.2014
Conducted field research as part of the Canadian Field Study Semester in East Africa team.

Education

Master of Science in Data Visualization
Parsons School of Design, New York City, 2019–
Current GPA: 3.9/4.0

Master of Science in Environmental Policy
The New School, New York City, 2017–2019
GPA: 4.0/4.0

Bachelor of Science in Biology, First Class Honours
McGill University, Montréal, QC, Canada, 2012–2015
GPA: 3.8/4.0