

Nour Hussamy

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WORK EXPERIENCE

Kiewit

January 2022 – September 2023

Civil Engineer Intern

Ontario

- Creating high-level work plans and schedules for a variety of different operations including excavation and backfilling, demolition works, post-tensioned anchors, and instrumentation.
- Creating high-level reports and presentations analyzing operation costs, efficiency, and forecasting for future operations.
- Led and supervised crews of up to 10 people to complete work in a safe and effective manner while maintaining a high quality of work.

Accomplishments

- Was part of a team that completed a ~\$3.5M operation, \$700,000 under budget and 35% faster than forecast
- studied, analyzed, and compiled multiple claims studies and reports worth over \$300,000
- Completed over 350 Life-Saving Actions assessments achieving the top spot in the Eastern Canada District
- Written requests for proposals and contracts worth over \$100,000.

Olive Grove School

January 2021– July 2021

Teacher Assistant

Mississauga, Ontario

- Communicated with teachers, students, parents, and administration to resolve all inquiries, ensure clear communication between parties, and enhance student learning and experience
- Promoted student learning within individual and groups of up to 30 students with exceptional ability to direct learning for increased retention of material and concept understanding ability to direct learning for increased retention of material and concept understanding

Accomplishments

- Created and implemented activities with effective teaching strategies to increase engagement, integrating strategic study approach and visual aids
- Designed and planned portfolio materials for students with a key focus on innovative, differentiated teaching strategies for a comprehensive enrichment of learning.

Gulf Target

May 2019– July 2020

Administrative Assistant

Mississauga, Ontario

- Oversaw all administrative tasks, including answering phone calls, ordering office supplies, filing organization, invoicing, and visitor communication
- Communicated with customers, department personnel, and other stakeholders to resolve all inquiries, ensure clear communication between parties, and increase satisfaction.
- Managed all executive communication by receiving and making telephone calls, reviewing, and prioritizing mail, and composing and typing correspondence.

Accomplishments

- Compiled reports and project status updates to liaise with senior executives and leadership, facilitating engaging presentations and technical insights on ongoing projects.
 - Increase office efficiency through the innovative creation and implementation of a seamless administrative process, successfully streamlining all logistics, communication, and data entry
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York University Institute of Civil Engineers

Venue Coordinator

2021– Present

Toronto, Ontario

- Coordinating & organizing events with professionals from various backgrounds
- Obtaining event permits and booking venues

EDUCATION

York University

May, 2024

Bachelors of Engineering, Civil Engineering

Toronto, Ontario

- Key courses: Civil Engineering design project; Hydraulic structures; Mechanics of materials, Fluid mechanics; Structural analysis, Civil Engineering Project Management, Structural design
- Clubs: Institute of Civil Engineers, Institute of transportation Engineering, Canadian Society of Civil Engineers

York University

May, 2024

BEST Certificate

Toronto, Ontario

- Multidisciplinary study in design, Business, Law, and Innovation
- Key courses: Business essentials for technology entrepreneurs, entrepreneurship, and technology ventures

HarvardX University

December, 2023

CS50 – Introduction to computer science Certificate

Remote

HarvardX University

December, 2023

CS50 – Web programming with Python and JavaScript

Remote

Notable Projects

Concrete slab design, UrbanVital

May, 2021

York University, CIVL 2000

- Coordinated all project process and activities for 4 team members and report creation related to a project requiring a redesign and improvement of cracking concrete slabs to hold a racking system
- Evaluated and interpreted complex blueprints and charts to identify needed specifications for design creation, creating a decision matrix to identify safety, durability, and feasibility needs to successfully draw the chosen solution.
- Calculated and proofed needed formulas for concrete strength and slab thickness, utilizing a PCA method to ensure accuracy with consistent results.
- Leveraged skill with AutoCAD to create drawings and clear diagrams of all slab specifications and layering needs, detailing applications such as concrete strength, epoxy coatings, installation and more.

Accomplishments

- Streamlined all project operations and logistics to successfully complete the projects 3-weeks ahead of schedule while only using 80% of total budget (~\$68k).
- Rated best in class for project results, receiving notable recognition for level of detail and thoroughness in all project facets ranging across drawings, calculations, budget management, and deliverables.