

AQEEL NAWAZ

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PROFILE AND SKILLS SUMMARY

Dedicated professional with a Master's degree in Civil Engineering from Carleton University, registered with Professional Engineers Ontario as an Engineer-in-Training (**EIT**). Eager to contribute to a dynamic, growth-oriented environment, leveraging dedication and quick learning to drive professional development and deliver innovative solutions.

- Strong communication and presentation abilities developed through experience as a new-hire coach
 - Over three years of sales and customer service experience, demonstrating strong interpersonal skills
 - Knowledgeable in quality assurance, risk management, and technical reporting
 - Familiar with industry-standard software, including **AutoCAD**, **REVIT**, **ETABS**, **LUSAS (FEA)**, **SketchUp**, **eQuest**, **EnergyPlus** and more
 - Proficient in the MS Office suite, enabling efficient documentation and reporting
 - Gained construction management expertise, including project delivery methods, sustainability, project planning, and Building Information Modeling through online coursework at the Columbia University
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WORK EXPERIENCE

Coordinator – Risk Management

Nov 2022 – Nov 2023

Enterprise Holdings, Ottawa, ON

- Conducted comprehensive risk analyses for a large vehicle fleet, leveraging data-driven insights to minimize losses originating from vehicle conversion, theft, and damages
- Managed facility audits to assess risks related to asset reliability and collaborated on measures to mitigate potential risks
- Played a key role in staff education on risk best practices, fostering a culture of awareness and compliance within the organization
- Evaluated contracts for accuracy, identified legal liabilities, and contributed to the development of effective risk management strategies
- Provided guidance on vehicle accident claims, contributing to the resolution process and minimizing financial and operational impacts
- Coordinated with law enforcement to enhance organizational security, playing a pivotal role in protecting the organization from potential risks and liabilities
- Effectively communicated risk-related information across various departments, ensuring a cohesive and comprehensive approach to organizational safety and profitability

Management Trainee

Feb – Oct, 2022

Enterprise Rent-A-Car, Ottawa, ON

- Played a pivotal role in meticulously planning and organizing fleet availability to meet daily operational demands, consistently surpassing corporate fleet utilization averages
- Proactively led sales efforts for coverage, protection, and assistance products, consistently exceeding sales targets
- Engaged with dealerships, body shops, and insurance companies to foster strong partnerships, significantly contributing to the branch's financial success
- Took on a mentoring role within the team, providing guidance on product knowledge and effective communication strategies
- Through diverse contributions, significantly impacted both operational efficiency and business growth within the management trainee role

Engineering Intern

Jul – Sep, 2018

EI-Seif Engineering Contracting, Dubai, UAE

- Inspected construction materials and workmanship to guarantee compliance with approved Method Statements and Inspection Test Plans (ITPs)
- Actively participated in health and safety site walks, identifying hazards and collaborating with senior QA/QC engineers to prepare Non-Conformance Reports (NCRs)
- Collaborated with QA/QC engineers and other engineering disciplines, providing support and ensuring effective communication across teams

APPLIED PROJECTS

- **Energy Modeling and Retrofit Analysis** (Sep – Dec, 2021): Developed a calibrated energy model for the historic Connaught Building, achieving ASHRAE compliance and identifying efficiency improvements that reduced heating and cooling energy use
- **Building Enclosure Design Project** (Jan – Apr, 2021): Analyzed building enclosure systems, achieving a 7.7% reduction in energy use and ensuring compliance with NECB and ASHRAE standards through R-value and U-value calculations
- **Capstone Project – Dual Span Composite Bridge** (Jan – Jun, 2018): Conducted a structural evaluation of a bridge, confirming deficiencies and designing a composite bridge deck, while generating a comprehensive technical report with AutoCAD drawings
- **Undergraduate Dissertation – Reservoir Storage Yield Analysis** (Sep 2017 – Jun 2018): Analyzed the impact of temporal scale on reservoir storage capacity using the Sequent Peak Algorithm and developed storage-demand functions for varying flow variability across nine rivers

EDUCATION

Master of Engineering, Civil

2022

Carleton University, Ottawa, ON

- **Coursework:** Prestressed Concrete, Earth Retaining Structures, Rock Mechanics, Advanced Timber Design, Geotechnical Earthquake Engineering, Building Enclosure Design, Energy Modelling for Existing Buildings

Bachelor of Engineering, Civil

2018

Heriot-Watt University, Edinburgh, UK

- **Thesis Project:** Reservoir Storage Yield Analysis
- **Capstone Project:** Dual Span Composite Bridge Design
- **Coursework:** Design of Steel Elements, Design of Concrete Elements, Soil Mechanics, Hydraulics and Hydrology, Environmental Engineering, Transportation Engineering, Water and Wastewater Treatment, Foundation Engineering, Construction Technology

CERTIFICATIONS AND LICENSES

- Certificate in Construction Project Management (Columbia University, Online, September 2024)
- Engineer in Training (EIT) (Professional Engineers Ontario, October 2023)
- Ontario G Class Driver's License (November 2020)

VOLUNTEER EXPERIENCE

- Student volunteer during welcome weeks at Heriot-Watt University, providing campus tours and assisting with enrollment
- Warehouse helper at Ottawa Food Bank, sorting food for distribution