

CESAR MEMBRENO

cesar.membrenohanon@gmail.com

49 Windsor Court Road, Thornhill, ON, L3T 4Y4

(647) 996-8360

Stephanie d'Obrenan, B.A., CHRP

-30- Forensic Engineering

40 University Ave

Toronto, ON M5J 1T1

Dear Stephanie,

I am writing to apply for the **Transportation Engineer** position advertised on your company website. As you will see in the attached resume, I have demonstrated a high level of leadership, interpersonal skills and communication skills through my extracurricular activities and work.

I read on your website that your Transportation Safety group examines the design, operation and maintenance of vehicular and pedestrian transportation routes. I find this very interesting and exciting considering that efficient transportation is important to enable the economic prosperity of the Greater Golden Horseshoe. I believe that your stimulating work environment is just what I am looking for to become a valuable contributor to your company.

My rigorous work ethic was proven during my studies at Ryerson University, as I balanced a demanding course load while being involved in extracurricular activities. Through numerous projects and challenging leadership opportunities, I developed a team- and mission-oriented mentality. My goal is to apply this way of thinking, as well as my technical, analytical, and communication skills to approach complex problems and achieve meaningful results.

My recent experience at a local construction company allowed me to further develop cost estimating, technical report writing and organizational skills. I have also been upgrading my design skills by continuing studies in AutoCAD and Civil 3D. I am certain that with my skills and self-motivated drive, I will be a great fit to the -30- Forensic Engineering team.

I am very enthusiastic about this opportunity and I look forward to meeting with you in person to further discuss why I would be an excellent candidate for this position.

Thank you for your time and consideration.

Sincerely,

A handwritten signature in blue ink that reads "Cmembreno". The signature is stylized with a large, flowing 'C' and a cursive 'membreno'.

Cesar Membreno, B.Eng., EIT

CESAR MEMBRENO

cesar.membrenohanon@gmail.com

49 Windsor Court Road, Thornhill, Ontario, L3T 4Y4

(647) 996-8360

Adaptable and enthusiastic **Engineer-in-Training (EIT)** ready to thrive in the civil engineering industry with great passion, curiosity, and desire to take on new challenges

SUMMARY OF QUALIFICATIONS

- Bachelor's degree in Civil Engineering, with an emphasis in transportation engineering
- Experience in the construction industry with exceptional time management and design skills
- Strong writing proficiency to create technical reports based on assessments and calculations
- Ability to evaluate blueprints and project-related documentation to prepare proposals
- Fluency with AutoCAD and the Microsoft Office Suite (Excel, Word, Project)
- Sound knowledge of transportation engineering software packages, including Civil 3D, Synchro, HCS, and InterCalc; and desire to become proficient in Microstation and InRoads
- Ability to apply and ensure compliance with municipal design standards and specifications, including TAC Manual, MTO Geometrics Design Manual, OTM Books, AODA, OPSS
- Team-player attitude with great initiative, leadership and problem solving skills
- Passion to turn challenges into opportunities to learn, grow, improve, and excel

PROFESSIONAL EXPERIENCE

Junior Construction Administrator

November 2017 – May 2018

King Koating Roofing Inc. – Vaughan, Ontario

- Generated and delivered update reports and quotes in a timely and profitable manner, maintaining a high level of quality and high attention to detail
- Reviewed and analyzed construction drawings and tender documents to prepare proposals for construction projects for existing and new industrial and commercial buildings
- Assisted the cost estimating team with the analysis of project documents and preparation of estimates, including tracking addenda for changes in the scope of work
- Provided support to the project managers with daily clerical tasks including drafting correspondence, completion of paperwork and follow-ups

Client Care Specialist

July 2015 – July 2016

Multi-Languages Corporation – Toronto, Ontario

- Communicated with potential customers via phone and email to help meet sales targets for the company's translation and interpretation services
- Promoted client satisfaction by resolving customer-related sales issues with a positive attitude
- Maintained, upgraded and monitored the client database, proactively generating new leads
- Assisted the senior management with multiple administrative tasks and deliverables, including data entry, filing, records management, and billing

EDUCATION & CAREER DEVELOPMENT

Bachelor of Engineering – Civil Engineering

September 2013 – May 2017

Ryerson University – Toronto, Ontario

Recognition of Achievement – AutoCAD Civil 3D Essentials

September 2017 – July 2018

Seneca College – Toronto, Ontario

CAPSTONE DESIGN PROJECT & RELEVANT ASSIGNMENTS

Geometric Improvements and Traffic Signal Modifications for the Intersection of Cornwall Road and Cross Avenue in the Town of Oakville

September 2016 – May 2017

- Proposed and evaluated three alternate solutions to relieve congestion and queue issues experienced at a three-legged intersection in the Town of Oakville
- Redesigned the intersection using CAD software and simulated traffic on the best proposed solution to verify the improvement in level of service and security
- Comprehensively analyzed the proposed solution to ensure that the geometric design addressed the intersection's constraints while meeting the Town's standards and specifications
- Awarded the Best Capstone Report among all the Transportation Engineering groups

Toronto-York Spadina Subway Extension Environmental Assessment

May 2016 – June 2016

- Conducted a triple bottom line analysis to evaluate the impact of the TYSSE
- Reviewed relevant environmental legislation and policy enacted in accordance with the City of Toronto and the Regional Municipality of York
- Assessed the identified socioeconomic and environmental impacts to determine alternative methods of implementing the preferred solution

VOLUNTEER EXPERIENCE

- **Volunteer** September 2018 - Present
Professional Engineers of Ontario (PEO), Willowdale-Thornhill Chapter
- **Summer Camp Counsellor** July 2018 – August 2018
St. Timothy's Summer Youth Camp
- **President / Vice President of Communications** May 2015 – May 2017
Ryerson Students Association
- **First-Year Student Orientation Leader** September 2014 – September 2016
Ryerson Engineering Student Society (RESS)

REFERENCES

Available upon request