

**Andrew Topp**  
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September 21, 2018

To whom it may concern,  
30 Forensic Engineering

**Re: Environmental Scientist (Intermediate Associate) Position**

Please find attached with this message a copy of my resume in regards to the online posting for the **Environmental Scientist** position on your company website.

Over the past three and a half years, working at a Consulting Engineering Firm, specializing in Environmental Site Assessment, while simultaneously completing my final academic requirements for the P.Geo designation as a part time student at The University of Toronto; I have decided that the next step for my career would be to move to a progressive consulting company in a more challenging role where I can utilize my academic/professional background, entrepreneurial nature, and business experience that I have gained in my early professional career. With the anticipated completion of my final semester in the University of Toronto Geoscience Specialist Program, I am currently looking to begin a new position in January of 2019.

As a Geoscience Consultant and Project Manager at Rubicon, I have gained exposure to environmental field work and technical reporting through the management, organization and execution of various environmental projects throughout Ontario. Working directly under the Principal Professional Engineer, I have gained additional exposure to the highest industry standards for soil, groundwater, sediment sampling, core logging and reporting under the Ontario Brownfields Regulation. Conducting individual work on 60-80 sites per year, including subsurface drilling investigations, environmental monitoring (indoors and subsurface), contaminant management plans, contaminant plume delineation and remediation; has allowed me to develop versatility as an industry professional.

In addition to my typical responsibilities, I strive to constantly evolve my skills to suit my expanded responsibilities at Rubicon. As a manager at a small company, I directly oversee project costs, always attempting to find solutions to make the business more profitable, while also providing a quality of work to the highest standard. I am involved in actively training new employees in order to develop a strong team and I am willing to take on any amount of work in order to ensure the success of the company. Doing so, has given me a window into the unique challenges and opportunities faced by a small-business owner. My exposure in dealing with a vast array of problems, tight deadlines, physically demanding field work, health and safety and the ability to complete projects as a team or under my own supervision; will allow me to succeed at 30 Forensic Engineering.

I believe that the Environmental Scientist position will allow me to gain the introductory knowledge of the forensic environmental consulting industry while simultaneously thrusting me into a position where I will definitely become an asset to the company. I look forward to learning how to approach the field from a legal perspective and to eventually become a reliable expert witness in the environmental field. I pride myself in versatility and dependability and I am always looking for new problems to solve.

I look forward to discussing this opportunity with you in more detail in an upcoming interview. Your time and attention is greatly appreciated.

Sincerely,



Andrew Topp

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## WORK EXPERIENCE

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**Rubicon Environmental (2008) Inc,** Flesherton, ON, Canada

April 2015 – September 2018

*Geoscience Consultant, Project Manager*

- Extensive experience in the planning and execution of environmental geoscience projects throughout Ontario. Leading a team of engineering consultants and contractors conducting phase I and phase II site assessments, site remediation, spill response, contaminant plume delineation, underground storage tank removals and the filing of 'Record of Site Conditions' in accordance with the current Ontario Brownfield Regulations. Demonstrate effective time management and problem solving skills, resulting in a reduction of field work, increased profit margins and expedited project timelines. Daily duties include, project management, soil and groundwater sampling and logging, engineering report preparation, GIS database management, designated substance surveys, indoor air quality monitoring, invoicing and administration. Currently responsible for Rubicon's largest client, completing 30-35 projects annually resulting in over \$200,000 of revenue.
- Major Projects Include: Full decommissioning of a Gas Station Property and conversion to residential zoning prior to a major condo development in Oakville. Spill remediation at a local airport. Soil vapour testing at an abandoned landfill.
- Executed a vast array of projects while simultaneously responsible for the supervision and development of junior staff. Acknowledged by the senior management and Principal Engineer for significant increases in company revenues and updating of the company technical reporting to suit new standards and regulations.
- Responsible for significantly increasing project profit margins via the expansion of company services by developing a drill rig system allowing Rubicon to sample soils at a reduced cost and at an expedited timeline. Introduced GIS drafting to the company in order to improve the accuracy of technical drawings, site plans and block models.
- Recognized in performance reviews for confidence, professionalism, and communication skills in interactions with managers, staff members, clients and ministry regulators.
- Actively expanding a network of contacts including: drilling contractors, suppliers, waste management professionals, environmental consultants, bank managers and real-estate developers. I now have a book of clients who contact me directly for environmental and geoscience projects project services.
- Responsible for business development by attending networking events, reaching out to potential clients to advertise Rubicon's services as well as conducting research on engineering disciplines to advance Rubicon's capabilities for performing hydrogeological and geotechnical studies.

**Azure Group Inc,** Mississauga, ON, Canada

2017 – Present (Part Time)

*Geoscience Consultant*

- Assisting the Principal Engineer in the preparation of engineering reports, conducting historical property research and providing technical opinions on how to execute various environmental projects.

**Well Done BBQs,** Toronto, ON, Canada

2012 – 2014

*Technician*

- Completed on-site technician work at various sites throughout the GTA
- Problem solving at multiple work sites each day

**Camp Walden Canada,** Bancroft, ON, Canada

2009 – 2012

*Senior Councilor*

- A senior councilor for groups of 15-20 campers, responsible for planning and executing programs, health and safety and catering to individual camper needs.
- Leading 4-day long canoe trips through Algonquin Provincial Park

## EDUCATION

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**Anticipated APGO Designation**, expected May 2019 2017 - Present

- Expected GIT (Geologist in Training) Designation in January 2019
- 40 of 48 months work experience completed
- Academic Requirement will be completed in December of 2019

**(Current) Geoscience Specialization**, University of Toronto Scarborough, ON, Canada 2017 - Present

- Part time enrollment in the B.Sc Geoscience specialization program in order to complete the requirements for the P.Geo designation.
- 4.0 GPA in 2017, 2018
- GIS Technical Report – Groundwater flow and delineation of a subsurface petroleum plume
- Course work includes: Mineralogy, Structural Geology, Sedimentology, Advanced GIS
- Major Term Project Include: GIS Mapping of a subsurface Aquifer in Brampton / ON, Sedimentary Geology of the Oil bearing Cardium Formation in Alberta, Canada

**Masters Degree in Environmental Science**, U of T Scarborough, ON, Canada 2014, 2015

- 3.86 GPA
- Consulting report: a critical assessment of Ontario's soil remediation industry
- Groundwater assessment report of groundwater contamination in the Gaza Strip

**Honours Bachelor of Science – Biology**, Western University, London, ON, Canada 2010 - 2014

- Dean's Honour List 2013, 2014
- Environmental impact assessment of the Deepwater Horizon Oil Spill
- Field Project – Marine reef fish feeding habits in Half Moon Caye, Belize

## OTHER ACTIVITIES, INTERESTS & EXTRA CURRICULARS

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Sports: Basketball, Soccer, Rock Climbing, Snowboarding, Cycling

Charitable Work: 2017, 2018 Enbridge Ride to Conquer Cancer – Biking 225 km each June and fund-raising over \$5,000 for Princess Margaret Hospital

University Extra Curricular: Pi Lambda Phi Fraternity, Former Executive Member (2012-2013)