



roarengineering.com



Matthew Crigger

Jr. Forensic/ Environmental Specialist

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Education

FLEMING COLLEGE, SCHOOL of ENVIRONMENTAL & NATURAL RESOURCE STUDIES **2013**

Environmental Technologist Diploma

FLEMING COLLEGE, SCHOOL of ENVIRONMENTAL & NATURAL RESOURCE STUDIES **2012**

Environmental Technician Diploma

ECO Canada Nationally Accredited Environmental Program

Dean's List for all semesters attended with a GPA above 3.7.

Experience

ROAR ENGINEERING
Jr. Forensic/ Environmental Specialist

2021 – PRESENT

- Residential, commercial and institutional indoor air quality assessments targeting mould, asbestos, toxic gas/chemicals, VOCs, airborne particulate, nuance/fugitive odours, smoke contamination, and animal infestations. Prepare remediation protocols to address damages and recommendations for worker safety.
- Origin and cause evaluations for water loss/infiltration related damages including moisture mapping and delineating historic pre-existing damages. Complete mould sampling to facilitate preparation of mould remediation protocols detailing the areas which require removals and/or cleaning to restore environmental conditions within the structure. Provide direction to ensure the health and safety of the workers and delineate necessary containment measures to protect unaffected portions of the building. Complete post-remediation clearance testing to confirm the building has been restored and the area is safe for occupancy.

- Conduct Designated Substance Surveys and provide remediation protocols in conformance with Ontario Regulation 490/09, and Ontario Regulation 278/05, of the Occupational Health and Safety Act. Collect bulk samples to determine if designated substances such as asbestos and lead are present within building materials. Provide remediation procedures and sketches outlining the materials containing designated substances requiring removal. Complete clearance testing to confirm no contamination remains following remediation.
- Complete On-going Asbestos Management Surveys for commercial, institutional, and municipal facilities as per the requirements of Ontario Regulation 278/05.
- Document and prepare site drawings of the as-built conditions of buildings suitable for drafting services to prepare construction drawings.
- Assist with product failure evaluations including attending the site to document the damages, recover the evidence, collect relevant background information, product documentation, perform preliminary non-destructive evaluations including microscopic assessments and product testing. Assist with destructive examinations.
- Assist senior Engineering staff on large loss structural and fire investigations including site documentation and evidence recovery.

MICHAEL FLYNN & ASSOCIATES LIMITED
Jr. Forensic/ Environmental Specialist

2017 – 2021

Services provided and duties consistent with present role at Roar Engineering.

HERITAGE GOLF CLUB
Grounds Maintenance

2016

HARBOURVIEW GOLF CLUB
Grounds Maintenance

2014 – 2015

OMS EXPRESS
Courier Driver

2013 – 2015

MINISTRY of the ENVIRONMENT
Field Assistant, Great Lakes Monitoring Unit

2013

- Prepare, assemble and calibrate water quality instruments.
- Rig and deploy instruments at various locations in Lake Ontario.

FROST STUDENT ASSOCIATION, FLEMING COLLEGE
Vice-President

2011 – 2013

- Responsible for Board oversight and mentoring.
- Direct Board initiatives in accordance with college policies and procedures.
- Complete overhaul of the corporation, including development of new Constitution and Policies, HR Manual, job descriptions and hiring, internal audit with outside accounting firm.

SEALTECH SUPPLY INC.
Inside Sales Associate

2002 – 2009

HERCULES HYDRAULICS
Shipping Receiving

1999 – 2002



Volunteer Experience

KAWARTHA REGION CONSERVATION AUTHORITY Restoration Technician

2011 – 2013

- Shoreline restoration along the Scugog River.
- Plant native hydrophilic species.
- Collect, germinate and plant various native species.

FLEMING COLLEGE Volunteer

2011 – 2013

- Revitalization, monitoring and maintenance of Green Roof project.
- Various physical activities to support the Community Garden.
- Participate in multiple campus clean-ups.

Certifications

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| • National Association of Mold Professional certification | 2017 |
| • Transportations of Dangerous Goods by Ground certificate | 2013 |
| • Post-Secondary Operation of Conventional Treatment Processes
- Walkerton Clean Water Centre | 2013 |
| • Operator-in-Training Water Treatment / Distribution | 2012 |
| • Operator-in-Training Wastewater Collection / Treatment | 2012 |
| • Direct Entry-Level for Drinking Water Operator – MOE | 2012 |
| • Aquatic Invasive Species – OFAH | 2012 |
| • Wetland Evaluation | 2012 |
| • Ontario Pleasure Craft Operator Card | 2012 |
| • Valid Ontario G-license with vehicle, and clean record. | |

