



Ben Langlois, EIT

B.A.Sc., CVFT, CVSE
Mechanical Engineering

Contact
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Education

QUEEN'S UNIVERSITY, KINGSTON, ON

2022

Bachelor of Applied Science, Mechanical Engineering
4th Year GPA of 3.79
Cumulative GPA of 3.34

Smith School of Business – Certificate in Business (CIB)
Cumulative GPA of 3.73

ST. MAXIMILIAN KOLBE CHS, AURORA, ON

2017

Honours High School Diploma – Ontario Scholar

Experience

ROAR ENGINEERING Engineering Intern

2019– PRESENT

Conducted reconstructions of vehicle accidents while considering impact speeds, analysis of pre impact to post impact sequences of events, computer assisted reconstruction and data retrieval from vehicles.

Analyzed accident reconstruction documentation, pre and post impact vehicle orientation and matched vehicle damage with momentum and force analysis to ensure the claimed circumstances matched the dynamic analysis of the impact and its damages.

Conducted home, vehicle, and equipment fire investigations to determine the fires origin and cause. Evaluated failed home appliances using water pressure tests, X-ray analysis and microscopy to determine a cause of failure.

Assisted in composing detailed engineering reports for all the above listed descriptions.



INTERNATIONAL CUSTOM PRODUCTS

2020

Engineering Intern – Quality Assurance Technician Assistant

- Ensured standard quality of Engineered Aerospace and Defence Products during the manufacturing process.
- Assisted in the pivot of manufacturing focus to supply Level 1-3 Quality reusable medical gowns for local health care workers during the COVID-19 pandemic.
- Responsible for testing fabrics and stitching for Level 1-3 Quality medical gowns against AATCC 42 and AATCC 127 standards.
- Assisted in the design of a AATCC 42 and AATCC 127 testing apparatus.

CLUBLINK – KING’S RIDING GOLF CLUB

2018

Turf Maintenance and Equipment Operator

- Operated handheld and motorized equipment daily to maintain course quality.
- Inspected equipment and tools for defects to ensure a safe, clean and organized facility

ARTISTIC LANDSCAPE DESIGNS LIMITED

2017-2018

Landscape Labourer

- Installed a variety of plants and trees for clients while ensure safety on site.
- Worked throughout York Region while ensuring customer satisfaction.

Professional Memberships

Engineering Intern (Professional Engineers of Ontario)

Society of Fire Protection Engineers (SFPE)

Academic & Athletic Awards

Justin Schwieg Trophy – Most Improved Player – Queen’s Football

2022

USports Academic All Canadian

2022

Queen’s Gaels Academic Allstar

2022

Dean’s Honour List (Average of 80% or higher)

2022

Queen’s Gaels Academic Allstar

2021



Dean's Honour List (Average of 80% or higher)	2021
OFSAA Colin Hood Leadership and Athletic Award	2017
CSA Group – Post Secondary School Scholarship Award Winner	2017
Queen's University Academic Achievement Scholarship Recipient	2017

Additional Courses

Certified Vehicle System Forensic Technician (CVFT)

Berla, 2022

Certified Vehicle System Forensic Examiner (CVSE)

Berla, 2022

Vehicle Forensics and iVe Certification

Berla, 2022

