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Resume for Patrick Froment, B.Sc., B.Ed., P.L.(Eng.)

Mr. Froment is a private consultant specializing in environmental noise impact assessments, modeling, and monitoring with a particular expertise in aggregate facilities. Patrick also specializes in STC/IIC testing and assessments in addition to occupational health and safety noise assessments. He studied at the University of Salford in Salford, England where his final year project was based on the simulation of the sound of rainfall on a skylight. He also has a degree from the University of Alberta in Education. He specialized in French and as such studied in the French faculty, Faculté Saint-Jean.

EDUCATION

B.Sc. 2007 Acoustics, University of Salford, England
- Final Year Project on the Simulation of Rainfall on a Skylight Structure
- Courses of Acoustics, Vibrations, Signal Processing, Modeling
- Graduated with First Class Honours

B.Ed. 2003 Education, University of Alberta, Canada
- Faculté Saint-Jean, French Major, Phys. Ed Minor

WORK EXPERIENCE

aci Acoustical Consultants Inc.
Associate Consultant 2007 – 2009
Principal Partner 2009 – Present
- Project work in environmental noise assessment, energy industry noise mitigation, architectural acoustics, Occupational OHS noise exposure, audio reproduction & sound system design.
- Creation and Maintenance of OHS Management Plan

Athabasca University
Course Tutor 2012 – 2016
- Course Tutor for ARCH 526 (Architectural Design : Acoustics)

Greater St. Albert Catholic School District
Teacher, St. Albert High School 2003
- Taught French 10 & Physical Education 10, 20.
- Coach of Senior Girls Volleyball team. Team won Zones and played in the Provincial championship.

PROFESSIONAL AND TECHNICAL ASSOCIATIONS

-P.L.(Eng.), Association of Professional Engineers and Geoscientists of Alberta (APEGA)
-Member, Canadian Acoustical Association (CAA)

PUBLICATIONS

-B.Sc. Final Year Project, Simulation of the Sound of Rainfall on a Skylight, 2007. University of Salford.
- Work from Final Year Project presented at International Congress on Acoustics 2007 by Dr. Andy Moorhouse.