

**S Claire Yuan, P Eng**
CURRICULUM VITAE

Claire Yuan is a Professional Engineer as a member of Engineers and Geoscientists BC. She holds a Bachelor of Science Degree in Chemical Engineering Co-op Program with Distinction from the University of Alberta. Claire is pursuing a MSc degree in Mechanical Engineering from the University of Waterloo, specializing in Fire Engineering. Her research is focused on the fire risk analysis and performance based design. Claire implements performance-based fire engineering analysis and assists in the development of Alternative Solutions and Building Code compliance.

SPECIALIZED EXPERTISE

- Heat transfer analysis
- Evacuation / egress analysis
- Fire modelling (CFD)
- Atrium / interconnected floor space design

PROFESSIONAL EXPERIENCE

June 2016 – Present	GHL CONSULTANTS LTD , Building Code Consultants and Fire Science Engineers <i>Professional Engineer</i>
May – December 2015	Pembina Pipeline Corp , Transportation, midstream and Gas Service Provider <i>Project Engineer Coop</i>
September – December 2014	University of Alberta , thermal dynamics on Biomedical research <i>Dean's Research Simulator Student</i>
May – August 2014	ConocoPhillips Canada , Oil and Gas E&P Company <i>Field Operation Student</i>
May – December 2013	Teck Resources Ltd , Resource Company <i>Process Engineering Student</i>

EDUCATION

September 2011 – June 2016	Bachelor of Science (BSc), Chemical Engineering Coop Program with Distinction University of Alberta, Edmonton, AB 5-year Undergraduate Degree Program (Co-op)
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RELATED COURSES

2016	Building Code – Part 3 Course British Columbia Institute of Technology, Vancouver BC
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MEMBERSHIPS

- Engineers and Geoscientists BC
- Association of Professional Engineers & Geoscientists of AB (APEGAB) – EIT designation