Lincoln Chua

446 Laurier Dr

Kamloops, BC V1S 1C4

Phone: (250)8520929

lincoln.chua@gmail.com

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**Human Resources**

Energy Management Companies

Dear Human Resources:

**Application for post of Building Energy Simulation Professional/Energy Management Professional**

Enclosed please find my resume as application for the post of Building Energy Simulation Professional/Energy Management Professional.

I have nine years’ experience in operation, maintenance, and upgrading of HVAC systems as Associate Director with Thompson Rivers University (TRU) in Kamloops, British Columbia. I am well acquainted with various HVAC controls systems: Johnson Controls, Siemens, Automated Logic, and Barber Colman. I was involved in energy audits in campus buildings totaling 600,000 square foot in area. I am familiar with the stages of an energy audit: the acquiring of the baseline consumption phase; the analysis of various energy conservation measures to determine feasibility; the incentive applications to the provincial and federal governments, and local utilities companies; and the measurement and verification phase. During this period the university reduced its energy consumption by 15% from 2010 figures which translate to a savings of $ 260,000 per annum.

I hold a Master of Science in Mechanical Engineering from the University at Buffalo, SUNY. My emphasis at Buffalo was design optimization. My thesis applied an optimization algorithm to design a cryogenic refrigerator which used computer programming extensively. I am well versed in using Equest and RETscreen acquired through continuing education courses. I have researched and written the curriculum for three building sustainability courses in TRU: energy modelling, energy audits for buildings, and renewable energy sources for building systems.

As a Canadian I am eligible to work in the US under NAFTA as an engineer. I look forward to discussing how I can contribute to your sustainability team.

Thank you for your time and consideration.

Regards,

Lincoln Chua