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Summary of Qualifications

- Hands-on experience with the instruments and methodology of sampling in stream, lake and forest environments
- Expertise and experience in collection and analysis of field data
- Strong ability in laboratory analysis and clear and concise scientific report writing
- Mechanically inclined, have had lots of opportunity working with a wide variety of hand, power tools and heavy equipment on a variety of construction sites. 4x4 and off-road abilities.
- Experience organizing and participating in stakeholder meetings, negotiations and mediations
- Studied in a small group under Prof. Mark Servos, Director of The Canadian Water Network, I developed skills in lab analysis and report writing in the field of Aquatic Toxicology with a focus on how chemicals move through aquatic environments

Relevant Employment Experience

Woodstove Exchange Coordinator, *Upland Consulting/Sea to Sky Clean Air Society B.C.*, Squamish B.C., Feb 2011-present

- Responsible for the development, implementation and maintenance of the woodstove exchange program in the Sea to Sky corridor. Requires communication with many different organizations and individuals and excellent organizational skills

Field Technician, *Invasive Plant Council of B.C.*, Squamish B.C. Sept 2010

- Collected and entered data on a variety of invasive plant species, became expert in plant identification and the use of GPS. Responsible for company 4x4 vehicle and map making. The data gathered was entered into a provincial database

Energy Research Analyst, *Government of Canada, Public Works and Government Services Canada (PWGSC)*, Ottawa, Ontario, Sep 2005 – Dec 2005

- Performed research and analysis, including data gathering and reporting on greenhouse gas emissions in all Government owned buildings across Canada. Collected data and developed statistical models to analyze and measure the effects of temperature on energy consumption using MS Excel. Coordinated activities and reviews between PWGSC and Government building managers to implement recommendations for reduction greenhouse emissions

Carpenter, *Evolved Living Spaces*, Squamish B.C. Nov 2010-present

- Worked as carpenter in a small team on a wide variety of construction projects such as installing high efficiency woodstoves and chimneys

Carpenter, *Earth Effects*, Squamish B.C. January 2010-Sept 2010

- Worked as a carpenter on variety of construction projects. Also was in charge of a few projects from start to finish

Carpenter, *Blue Whale Construction*, Squamish B.C. Oct-2010

- Worked on a townhome construction site and downtown commercial/residential building. Short term contract to help finish both jobs on time

Outdoor Educator, *Toronto District School Board, Etobicoke Outdoor Education Center, Albion Hills Conservation Area* Palgrave, Ontario, Sep 2004 - Jan 2005

- Taught outdoor education and survival techniques. Led groups of 12 – 30 grade 7 children on outdoor excursions to educate city and suburban children on the link between an individual and their natural environment

Landscaper, *This Planet Rocks and Gardens*, Squamish B.C., May 2009-Sept 2009

- Learned species identification and weed eradication techniques

Apprentice Stone Mason, *Stone House Masonry*, Caledon, Ontario, Feb 2008-Nov 2008

- Worked with and around heavy equipment. Operated Bobcat, tractors, diesel tampers, diesel mortar mixers as well as a wide variety of hand tools. Worked outdoors in all seasons

Education

- Bachelor of Environmental Studies and Sciences (Honors), **Environment and Resource Studies and Biology**, University of Waterloo, Ontario, Sep 2002 - Aug 2007
- Exchange: Griffith University, Queens Land Australia
-Participated in a 4 month University exchange program during my third academic year of study. -
Designed and carried out bird surveys on native species. Studied marine ecosystems including estuaries
- Roots of Courage
-Participated in an 8 month outdoor education and survival program focusing on outdoor skills and teamwork

Volunteer Work

Volunteer, *Don Ross Secondary School, Squamish B.C.*, Nov, 2010

- Science 10 Teaching Assistant

Volunteer, *Thailand/Burma Border*, Jan 2006 – Feb 2006

- Worked with Gregory Scarborough, Masters Candidate, Tufts University, U.S.A. on the Thai-Burma Border near Mae-Sot Thailand to record traditional Karen music, which is in danger of being lost due to war

Volunteer, *Thailand/Burma Border*, Jan 2006 – Feb 2006

- Performed and helped to organize aid efforts for the Burmese and Karen refugees living on the Thai Border, including gathering and packing of foods and medicines, writing article and teaching English

Awards & Certifications

- Ontario Scholar
- WHMIS training
- First Aid/CPR Certified
- PADI, Advanced open water scuba diver
- Level one Canadian Association of Snowboard Instructors (CASI)
- Published Author of a variety of Articles including an article on The Burmese Junta which was picked up by Google News

For my entire life I have been an avid lover of the outdoors and continue to spend a great degree of my spare time in outdoor recreation. During my university years I developed skills in data management and scientific report writing. Some of my favorite past-times include mountain biking, scuba diving, backcountry skiing, sailing and kite-surfing. I desire to continue to develop my skills and career in the environmental and natural sciences sector.

