

Resume

Mr Hadleigh Thompson, BSc

DOB: 6th June 1979

June 2016

Objective:

To develop and utilize the meteorological theory and tools provided my Atmospheric Science degree. I hope in the future to combine these with my interest and knowledge of outdoor activities and pursuits, and research in wilderness locations.

Relevant Education:

University of British Columbia (UBC), Vancouver 2014 - Present

Currently completing a Bachelor of Science degree with a major in Atmospheric Science. Main interests include: mountain and cold region meteorology, snow and ice thermodynamics, hydro-meteorology, and avalanche phenomena. Completion of this will be June 2016.

Thompson Rivers University (TRU), Kamloops 2012 - 2014

Pre-requisites and lower level Bachelor of Science courses aiming for admittance to University of British Columbia.

Canadian Avalanche Association (CAA), British Columbia 2010 - 2012

Member since 2009. Introduction and Advanced Weather for Avalanche workers 5 days total. Avalanche Operations, Level One 7 days.

Employable Skills

Technical Skills

- Operational Meteorological forecasting - As demonstrated throughout UBC Atmospheric science degree.
- Python coding and Numerical modelling - extensive academic experience in writing Python code to solve problems in Atmospheric and Earth sciences.
- Github workflow and collaboration in an academic environment.
- Self-taught webpage design and HTML scripting - see <http://hadleigh.github.io>
- GIS workflow and operation - as per ongoing directed studies course ATSC 448 at UBC.
- Linux environment and command line computational operations.
- High level of numerical modelling and mathematical analysis using matlab, python, iPython notebooks, and Pandas data-frames.

Practical Skills

- Comfortable in wide range of outdoor environments including wilderness work-sites.
- Organizational and logistical skills obtained from both military experience and adventure tourism company management.
- Ability to adapt and solve practical problems with limit resources.

Relevant Experience

OWL Rafting on the Ottawa River. Ontario Canada Operations Manager: 2010 - Present

Managing logistics and maintenance personnel. Operational Health and Safety. Boat (flat-water and swift water) and vehicle operation. Bus driving. Expenditure accounting and department financial responsibility.

Mustang Powder Cats. British Columbia Canada Tail-guide Practicum program: Winter 2009/2010

Lodge and operation maintenance. Guest safety and assistance while skiing. Collection of near surface weather observations. Snowpack profile analysis and recording. Avalanche observation and investigation.

Franz Josef Glacier. New Zealand Glacier Guide: 2008 - 2009

Leading guests on Glacier hikes. Helicopter loading. Ice climbing instruction. Crevasse extraction. Alpine cliff rescue team member.

Fernie Alpine Resort, British Columbia. Canada Ski Patrol team member: 2007 - 2008

Guest liaison, information, and assistance. First aid and emergency response. Avalanche control. Near surface weather observations. Avalanche and snowpack investigations and recording. Snow blasting.

Collets Mountain Holidays, Central Dolomites. Italy Hiking Guide: 2005 - 2007

Summer hiking and via ferrata; Winter snowshoeing and cross-country skiing. Personnel and chalet management. Expenditure accounting and recording. Chalet operations and management.

Royal New Zealand Army Medical Corps. New Zealand Field and Surgical team medic: 1997 - 2003

2 years in-house medical, first aid, and emergency response training. 3 years operational service including 3 overseas deployments; UN sanctioned peacekeeping missions.

Additional Skills

- Full drivers license, including passenger Bus (Ontario)
- Transport Canada 'Limited Master' certificate
- Work place first aid and CPR certified
- Previous field research work and experience with Oxford University Ecology Department, (Summer 2003, 2004)

Contact Details

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