

Resume

Mr Hadleigh Thompson, BSc
6th June 1979

Current as of 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 snow, ice, and avalanche phenomena.

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 region thermodynamics, hydro-meteorology, and avalanche phenomena. Completion of this will be by July 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

- 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>
- 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

- Operational skills include: boat handling; travelling in mountainous terrain in all seasons; working on ocean going vessels; experience with heavy machinery; comfortable operating alternative transportation such as buses, ATVs, and snowmobiles.
- Ability to adapt and solve practical problems with limit resources.
- Extensive experience in working in marginal and difficult operational conditions.

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.

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)
- Work place first aid and CPR certified
- Previous field research work and experience with Oxford University Ecology Department, (Summer 2003)
- Canadian Ski instructors alliance level 2 certified

Contact Details

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