

1 **Name of Candidate**

2 Contact info

3 **EDUCATION**

4 **Diploma in Forest Technology, BCIT 2002.**

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6 **WORK EXPERIENCE**

7 **Senior Technician, Acme Inc, Salmon Arm, BC, July 2008 – present.**

8 - Block development plans – engineering, site identification and classification, timber cruising,
9 reporting, data analysis, data management

10 - Project Supervision – dealing with 20 plus people in compliance with Work Safe BC, keeping strong
11 communication with clients (Louisiana Pacific, BCTS, MOF Research Branch, etc)

12 - Mountain Pine Beetle surveys

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14 **Forest Technician, Environmental Inc, High Level, AB, April 2008 – June 2008.**

15 - Cut Block and Road Layout, aerial photo interpretation, GPS data collection, block description
16 reports, detailed block plans, and correction and editing of field collected data in Pathfinder software

17 - Establishment and measurement of growth and yield plots, pre-harvest assessments, regeneration
18 surveys, timber cruising, environmental assessments, spill response/cleanup and office compilation
19 and report writing

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21 **Associate Research Assistant, University of Northern BC, October 2006 – June 2007.**

22 Primary responsibilities included:

23 - Supervising and leading LAI data collection;

24 - Collaborating on research proposals (mostly mountain pine beetle related), writing technical reports
25 and co-authoring journal articles;

26 - Scheduling field safety, data collection, quality control and analysis.

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28 **Forest Technician, Consult Inc., Prince George, BC, September 2006 – October 2006;**

29 - Identified ecosites in Northern BC, based on species and soil type;

30 - GPSed block boundary and road traverse, cruised and measured timber plots;

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32 **Silviculture Research Assistant, University of Alberta, May 2003 – August 2003-December 2005,**

33 - Assisted with design and implementation of silviculture research projects;

34 - Performed below and above ground biomass sampling, processing, data analysis and interpretation;

35 - Monitored, maintained and calibrated dataloggers, sensors and other equipment used into the field
36 and laboratory;

37 - Collected, processed, analyzed and interpreted field data;

38 - Installed PSPs, including mapping;

39 - Assisted in preparation of technical and progress reports.

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41 **Teaching Assistant, University of Alberta, 2004, 2005.**

42 - Instructed classes of 15-20 senior undergraduate students in a field/laboratory setting;

43 - Taught students silviculture principles, laboratory techniques, application of forestry/growth and
44 yield models;

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SKILLS

Computers/Field Equipment – Hardware

- Assembling/set-up computer components
- Set-up and programming of data loggers and corresponding sensors
- Set-up and use of GPS units (Leica, Trimble, Garmin), and PDAs for electronic data collection
- Laser measuring tools – Laser transit, Vertex, Hypsometer
- Light measuring equipment – LAI 2000, Hemispherical Photography
- Excellent understanding of high-tech equipment

Computers/Field Equipment – Software

- DOS, Microsoft Windows, Mac OS for PC and Pocket PCs (PDAs)
- Microsoft Office Packages and most of Microsoft Windows based software (proficient in MS Excel)
- Statistical software – SAS, SPSS, MATLAB
- Mapping software – Garmin Map Source, ESRI Arc GIS
- Graphic software – Macromedia Fireworks, Adobe Photoshop
- Forest models – MGM (University of Alberta), TIPSy (BCFS), SORTIE
- TASS (BCFS), VDYP (BCTS), Prognosis BC (USFS).

Field Reconnaissance/Activities and Mapping

- Excellent field orientation skills and mapping abilities
- Good field reconnaissance and vegetation classification per layers
- Developing excellent engineering skills (road and block layout, creek assessment, site and logging plans, mapping)
- Excellent silviculture survey skills – collecting and compiling data

Languages

- English , French

ADDITIONAL TRAINING AND CERTIFICATIONS

- Canada Safety Council defensive driving certificate
- Canada Safety Council ATV rider certificate
- First Aid Level 1 and Transportation Endorsement Certificates
- S-100 Basic Fire Suppression and Safety
- Bear Aware UNBC
- Certified Danger Tree Assessor (DTA)
- Certified MPB surveyor

EXTRACURRICULAR ACTIVITIES

- Web design – using Macromedia Dreamweaver and MS Front Page combined with advanced photo editing in Fireworks and Photoshop

CONTRIBUTIONS TO RESEARCH AND DEVELOPMENT

ACADEMIC AWARDS