

## Professional Experience

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<b>Oregon State University, Faculty of Forestry, Corvallis, Oregon</b> <b>Sessional lecturer</b> <ul style="list-style-type: none"><li>• Forest Operations and policy issues</li></ul> <b>Graduate Teaching assistant</b> <ul style="list-style-type: none"><li>• Forest Road System management</li><li>• Logging Mechanics</li><li>• Harvesting operations</li></ul>	September 2021 - present
<b>SBS Forestry Inc, Takla Nation, Prince George, BC</b> <b>Senior Forester and project manager assistant</b> <ul style="list-style-type: none"><li>• Forest harvest planning and project management</li><li>• Managed helicopter &amp; float plane layout projects</li></ul>	June 2022 – September 2022
<b>UBC Alex Fraser Research Forest, Faculty of Forestry, Williams Lake, BC</b> <b>Assistant Operations Supervisor</b> <ul style="list-style-type: none"><li>• Managed and supervised the road building program</li><li>• Operational supervision &amp; planning</li><li>• Acted as the primary contact &amp; support staff for all researchers and academics coming to the forest</li><li>• Assisted with forest harvesting, planning, and layout design, mapped 500ha of operational plans</li><li>• Managed the AFRF GIS database and assisted with network &amp; IT support</li><li>• Engineered, planned, and designed new roads for tender using RoadEng</li></ul>	August 2018 – January 2021
<b>UBC Malcolm Knapp Research Forest, Faculty of Forestry, Maple Ridge, BC</b> <b>Research Assistant</b> <ul style="list-style-type: none"><li>• Performed field work, research assistance and fire patrols</li></ul>	April 2018 – August 2018
<b>University of British Columbia, Faculty of Forestry, Vancouver, BC</b> <b>Graduate and Undergraduate Teaching Assistant</b> <ul style="list-style-type: none"><li>• Spring field school (graduate &amp; undergraduate TA)</li><li>• Forest surveying &amp; road development (graduate &amp; undergraduate TA)</li><li>• Introduction to forestry (graduate TA)</li><li>• Forest economics (graduate TA)</li><li>• Forest harvesting systems &amp; operations (undergraduate TA)</li><li>• Computer applications in forestry (undergraduate TA)</li></ul>	September 2017 – April 2019
<b>Pioneer Forest Consultants Ltd., Layout Division, Golden, BC</b> <b>Junior Forest Engineer</b> <ul style="list-style-type: none"><li>• Engineered Interior cable &amp; ground-based cut blocks and roads</li></ul>	May 2017 – August 2017
<b>Chartwell Consultants Ltd., Forestry Division, North Vancouver, BC</b> <b>Junior Forest Engineer</b> <ul style="list-style-type: none"><li>• Engineered coastal cable cut block layout and road layout</li></ul>	May 2016 – December 2016
<b>West Fraser, Woodlands Division, Quesnel, BC</b> <b>Forest Technician</b> <ul style="list-style-type: none"><li>• Engineered interior ground-based cut blocks and road layout</li></ul>	May 2015 – August 2015
<b>Cariboo Forest Consultants, Quesnel, BC</b> <b>Forest Technician</b> <ul style="list-style-type: none"><li>• Cut block layout and road layout, silviculture plots &amp; timber cruising</li></ul>	May 2014 – August 2014 May 2013 – August 2013

## Volunteer Experience

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**OSU Forestry Graduate Student Council, Corvallis, OR**  
**Social Chair** September 2021 – present

**Forestry Undergraduate Society, Vancouver, BC**  
**Canadian Institute of Forestry - Student Liaison** February 2017 – April 2018

- Organised the CIF silver ring ceremony
- Competed in Ottawa & Grand Prairie on behalf of UBC for the CIF quiz bowl

**Forestry Undergraduate Society, Vancouver, BC**  
**Forest Resource Management Representative** September 2015 – April 2016

- Participated in annual faculty of forestry events

## Education

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**OREGON STATE UNIVERSITY, Faculty of Forestry, Corvallis, OR** 2021 - present  
PHD student in Forest Engineering & Sustainable Forest Management

**UNIVERSITY OF BRITISH COLUMBIA, Faculty of Forestry, Vancouver, BC**  
Masters of Geomatics and Environmental Management Graduation Date: 2019  
Bachelor of science in forestry: forestry resource management, major (Co-op) Graduation Date: 2018

## Publications and Extra- Curricular Activities

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**PLOS ONE, Open Access, peer-reviewed, secondary author** Published September 14, 2022

- [Combining aerial photos and LiDAR data to detect canopy cover change in urban forests.](#)

**ABCFFP, Professional Forester Magazine Publication, primary author** Published June 17, 2020

- [Alex Fraser Research Forest interior Douglas-fir beetle 2020 update](#)

**Forestry Tri Mentoring Program, Vancouver, British Columbia**  
**Mentee / Mentor** 2014 – present

- Learned valuable information and advice from experienced senior mentor
- Participated in workplace skill building workshops

**OSU Logger Sports, Corvallis, Oregon** 2021 - present

- Member at large for the conclave planning committee

**UBC Logger Sports, Vancouver, British Columbia** 2017 – 2019

- Choker races, stock saw races and axe throwing

## Certification and Training

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2016 First Aid level 1 (expired 2022)  
2015 S-100A basic fire suppression and safety certification  
2015 Emergency spill clean-up procedures course (Brent Graham Ltd. environmental services)  
2015 Occupational first aid transportation endorsement (expired 2021)  
2010 Valid class 5 BC driver's license  
2001 BC boat licence