

LIAM BECKMAN
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EDUCATION

University of Oregon

Computer Science & Biology Major enrolled at the University of Oregon

- Presidential Scholar, Merit Scholarship Recipient for 2012—2017
- Well versed in computer systems and networks

EXPERIENCE

Sandy High School Ski Team Captain

Sandy, OR November—March 2011/2012; 10 hours per week

Researched the effects of climate change on northwest plant communities to determine how carbon may be allocated under future climate scenarios; measured and analyzed biomass samples collected *in situ* from experimental grasslands with experimentally manipulated temperature and precipitation levels; presented my findings at The 2012 Apprenticeships in Science and Engineering (ASE) Symposium hosted by the University of Portland.

Ski Shop Sales Assistant

Government Camp, OR May—August 2010; 20 hours per week

Conducted research involving botanical DNA isolation, purification, sequencing, and analysis; examined the effect of personally designed genetic markers had on a tropical tree's evolution/phylogeny; presented results and conclusions at the following scientific conferences:

- The 2015 AAAS Emerging Researchers National Conference in STEM hosted in Washington D.C.
- The 2015 University of Oregon Undergraduate Research Symposium
- The 2014 University of Minnesota Undergraduate Symposium

Knowledge of Local Wilderness, Trail Systems, and Resorts

Mt. Hood, OR April 2005—April 2016

A lifetime of living on Mt. Hood has Prepared materials and procedures for The Honors Biology Lab curriculum at the University of Oregon. Relevant responsibilities included making and curing petri plate solutions, evaluating states and types of bacterial growth, and studying the processes and mechanisms of cytological phenotypic expression and function. • **Navigation:** proficient in outdoor navigation and orienteering through recreational mountain climbing.

VOLUNTEER WORK

• **Legacy Mt. Hood Medical Center:** volunteered at the Front Desk and in the ICU; received the Summit Award for outstanding service from the Volunteer Guild. June 2010—January 2013

• **Multnomah Education Service District's Outdoor School Program:** For five weeks, I have served as a Student Leader in the Outdoor School Program

by leading a cabin of twenty younger students per week and teaching the basics of ecology, zoology, and geology. April 2011—October 2012

- **Multnomah Animal Shelter:** volunteered at the Front Desk and in the ICU; received the Summit Award for outstanding service from the Volunteer Guild. September 2009—July 2010