

Ryan Bohl

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EDUCATION

Oregon State University

Bachelor of Science in Electrical and Computer Engineering—3.77 GPA

Corvallis, OR

Sep. 2018 – Present

South Salem High School

3.98 GPA

Salem, OR

Sep. 2014 – Jun. 2018

WORK EXPERIENCE

Openly Published Environmental Sensing (OPeNS) Lab

Oregon State University

May 2020 – Mar. 2021

Corvallis, OR

- Inherited Senior Capstone project to calculate and log the flow of sap in trees
- Designed custom PCBs in EAGLE that were later manufactured and used in field testing
- Used Arduino to program probe control, sap flow calculation, and data logging

Rainsweet Inc.

Line Lead

Jun. 2019 – Sep. 2019

Salem, OR

- Managed a crew of workers for packaging and exporting blueberries during harvest
- Verified Quality Control and inventory
- Was responsible for over 250,000 pounds of blueberries each day

JLPN Inc.

Crew Worker

Jun. 2016 – Jan. 2017

Salem, OR

- Field crew—seedling harvest
- Developed bilingual communication and manual labor skills while working in a crew

TECHNICAL SKILLS

Programming Languages: C/C++, Python, MATLAB, SystemVerilog and VHDL (Hardware Description)

Developer Tools: EAGLE, Quartus, Arduino, Google Cloud Platform, Visual Studio, LTSpice, Modelsim, Matlab

VOLUNTEERING

- * National Honor Society Graduate (over 40 hours of service)
- * Math and Physics Tutor at South Salem High School
- * Planted trees at Minto-Brown Island Park (Salem, OR)
- * West Salem Rotary annual berry sale and roadside trash pickups

AWARDS

- * Garmin Scholar Award
- * Seal of Biliteracy (Spanish)
- * South Salem Principal's Award
- * South Salem Physics Student of the Year

INTERESTS

- * High School Varsity Football: 2 year Letterman
- * Acoustic Guitar (4 Years of Lessons)
- * Outdoor Hiking