

Alex Branson

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EDUCATION

Oregon State University

Corvallis, OR

- Senior in Pro-Mechanical Engineering
- Minor in Aerospace Engineering
- Current GPA: 3.05
- Receiving a yearly academic scholarship

Northgate High School

Walnut Creek, CA

- Cumulative GPA: 3.5
- Played trumpet in the school band program (2010-2014) and the multiple award winning jazz band (2012 - 2014).
- Varsity volleyball team (2012 - 2014), JV team (2010 - 2012)

EXPERIENCE

Cold Stone Creamery (July - September 2015)

Pleasant Hill, CA

- Created specialized ice cream combinations, provided polite and friendly customer service, maintained store cleanliness and appearance, performed opening and closing duties, and effectively handled the cash register, including cash, debit and credit card transactions.

Boudin Bakery (June – September 2016)

Walnut Creek, CA

- Worked as a General Service Representative which included serving food to customers and bussing tables. Worked on preparing food, managing take-out orders and opening the store daily.

OSU Experimental Sounding Rocket Association (ESRA) 30K Rocketry Team

Corvallis, OR

Aerodynamics and Recovery Sub-Team (September 2017 – June 2018)

- Design models of the rocket in both OpenRocket and RASAero II to test performance.
- Research optimal fin and nosecone design.
- Design a black powderless CO2 based parachute ejection system.
- Work closely with other sub-teams to integrate all components seamlessly.

SKILLS AND RELATED COURSES

- MATLAB, SolidWorks, EES, OpenRocket, Microsoft Project, Manual Mill Operation
- Space Systems Engineering, Numerical Methods, Mechanical Component Design, Dynamics, Fluid Mechanics, Thermodynamics