

Brandon Begonia

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Education

Oregon State University – Corvallis, Oregon

B.S. Mechanical Engineering

Expected Graduation Date: March 2018

Cumulative GPA: **3.01**

Minor: **Business Administration and Entrepreneurship, Aerospace Engineering**

Memberships: **American Institute of Aeronautics and Astronautics, Tripoli Rocketry Association Inc.**

Internships

Company: **Nan Inc.** – Hawaii's largest locally owned general contractor

Project Engineer Intern

- **UH-Marine Center Relocation:** Held weekly status meetings with University of Hawaii personnel and inspectors on construction progress. Coordinated weekly fieldwork making sure it was done according to the plan and specifications. Ordered materials based off of field verifications and calculations. Kept track of manpower and heavy equipment hours and production.
- **Leihoku Elementary School Heat Abatement:** Conducted weekly status meetings with school personnel and subcontractors. Conducted monthly walkthroughs to inspect work quality. Held safety meetings based on the presence, removal, and disposal of hazardous materials. Planned and created 3-week schedule for fieldwork. Coordinated weekly fieldwork with subcontractors. Inspected work accomplished during the week according to the plan and specifications.

Extra-Curricular

OSU AIAA (American Institute of Aeronautics and Astronautics)

- **2017-2018 ESRA (Experimental Rocket Sounding Association) 30k Team:** Competes in an intercollegiate rocket engineering competition that is to design, build, and launch a rocket capable of ascending a payload to a target altitude.
- **2017-2018 Structures and Integration Sub-team:** In charge of researching, designing, and manufacturing structural components of the rocket focusing on the body tubes, coupler tubes, and bulkheads. Makes sure all components and sub-systems of the rocket integrate.

Skills

Computer: Microsoft Office (Project, Excel, PowerPoint, Word), Solidworks, and MatLab

Hardware: Circuit assembly and troubleshooting, soldering and circuit board design

Construction: Hammer drill, Reciprocating saw, Table saw, Circular saw, Precision Laser