

Everett Matthew Brady

5555 Hollings St.

Ventura, CA 93003

805-218-9439

everettbrady25@gmail.com

everettbrady.com

Education:

University of Nevada, Reno, Reno, NV (August 2017- May 2021)

Major: Mechanical Engineering

Minor: Mathematics

Experience:

Mechanical Engineering Intern (September 2020-Present)

Via Seating

- Assisted in and took on engineering change orders and projects in new product development
- Modified parts and assemblies and created engineering drawings using SolidWorks
- Helped support and maintain engineering database
- Created and revised work instructions and assembly drawings

FSAE Aero Package Capstone Project (January 2021-May 2021)

University of Nevada, Reno

- Designed an active aero package for UNR's Formula SAE team
- Followed formal engineering design process to create the best product for our customer
- Led team of five engineers by setting deadlines, assigning tasks, and compiling and editing formal documents for submission

Lunar Habitat Design Project (October 2020-December 2020)

University of Nevada, Reno

- Led a team of mechanical engineers on a 100+ hour, heavily documented project
- Used SolidWorks to design a fully furnished lunar habitat

Multi-Material Die Manufacturing Project (August 2019-December 2019)

University of Nevada, Reno

- Employed computer aided design to design a six-sided and six-material die with a balanced mass distribution
- Used plasma cutter, laser cutter and 3D printer to manufacture components

Static Bridge Project (August 2018-December 2018)

University of Nevada, Reno

- Designed a miniature bridge to support a large load and estimated the maximum load through calculation
- Fabricated prototype using only balsa wood and wood glue

Relevant Skills:

- Engineer-in-Training: Mechanical Engineering, License #OT8472
- Certified SolidWorks Associate (October 2019)
- Proficient with MATLAB, Illustrator & Excel
- Experienced with laser cutter, 3D printer, woodworking, FEA, and GD&T
- Self-motivated
- Fast learner
- Organized and detail-oriented

Activities:

- Theta Tau professional engineering fraternity member (2019-2021)
- ASME member (2020-Present)
- FIRST Tech Challenge robotics competition referee (2020)