Brady Hormuth

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Education

University of Colorado Boulder, **Ann & H.J. Smead Department of Aerospace Engineering Sciences**

- **Degree**: BS Aerospace Engineering
- **Minor:** Computer Science, Engineering Management
- **Expected Graduation:** May 2027
- **Relevant Coursework:** Vehicle Design Lab, Materials Lab, Structures, Project Management Systems, Materials Science, Engineering Projects

Professional Experience

Hathaway Dinwiddie | San Francisco, CA

Project Management Intern May 2024 – August 2025

- Developed bidding packages and drafted subcontractor contracts aligned with project specifications
- Coordinated budget and contract compliance with 26 trades, monitoring project deviations and cost impacts
- Prepared and delivered 3 owner facing presentations summarizing scope changes, forecasts, and key project metrics

Hathaway Dinwiddie | San Francisco, CA

Project Engineering Intern May 2023 – August 2023

- Utilized CAD models to identify and resolve 60+ MEP coordination conflicts, minimizing cost and schedule impacts
- Resolved 200+ scheduling setbacks and design build issues through proactive coordination with project stakeholders
- Created tracking systems for 26 trades in Excel to monitor procurement of change orders, RFI's, and deliverables

Camp Galileo | Oakland, CA

Team Leader May 2021 – August 2022

- Responsible for instructing a class of 25 campers (Grades 1-3) in STEM related projects and managed daily camp activities to ensure an engaging and safe environment.

Projects

Glider Design Lab May 2025

- Collaborated in a team of 8 to design and test a glider. Personal contributions included using MATLAB to develop aerodynamic models for trade studies, simulation, and stability analysis; utilized SolidWorks for CAD modeling and fabrication of 4 custom components.

Coffee Bean Cooler August 2023

- Collaborated in a team of 4 to design and prototype a precision coffee bean cooling device, engineered to bring beans to a target temperature post-roast. Personal contributions involved integration of Arduino-based temperature control circuits, 3D modeling with CAD, and hands-on fabrication of belt drive components, pulley systems, and electronic casings.

Technical

- MATLAB**,** C++, Python, HTML, CSS, Java
- AutoCAD, SolidWorks
- Certifications: Soldering, Machine Shop, Hand Tools, 3D printing
- Excel, Microsoft Project
- Bluebeam Revu, Adobe Photoshop, Premiere
- Interests: Skiing, Surfing, Basketball, Weightlifting, Hiking, Volleyball