

# Tyler Hall

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## **OBJECTIVE**

To obtain an internship beginning May 2026 in mechanical design, sales engineering, or product development

## **EDUCATION**

**Iowa State University** (GPA: 4.0/4.0)

Anticipated: May, 2028

*Bachelor of Science, Mechanical Engineering*

- **Applying for Concurrent Enrollment MBA program Fall 2025**

## **WORK EXPERIENCE**

**Miron Construction**

May 2025 – August 2025

*Project Management Intern*

- Led the sample workshop, coordinating with 20+ subcontractors to procure and evaluate material samples
- Completed 10+ takeoffs identifying 2 errors in MEP drawings saving \$56k of unnecessary material
- Assisted in RFI tracking by reducing discrepancies between drawings and the bid scope
- Maintained multiple progress logs for 3 concurrent projects on-site improving subcontractor accountability

**Double Up Tackle Co.**

July 2024 – Present

*Co-Founder*

- Preparing 3000+ units of product for 2 industry expos under a one month time constraint
- Managed over \$10000 in company investments, optimizing resource allocation and financial budgeting
- Created 30+ recipes for handmade baits with an emphasis on attention to detail
- Collaborate alongside a partner to maintain a productive and stable work environment

## **LEADERSHIP & INVOLVEMENT**

- **SAE Baja** May 2025 – Present
  - Controls Lead
    - Redesigning custom calipers based on failure analysis using SolidWorks simulation
    - Addressed brake pad limitation decreasing necessary line pressure by ~620 psi
  - Sponsorship Lead
    - Developed a business proposal and presentation for military application for Baja vehicles placing 11<sup>th</sup> out of 70 teams
    - Created various 3d renderings of the vehicle for business presentation
- **Resident Assistant, Larch Hall** August 2025 - Present
  - Established community of 59 residents to live cohesively and respectfully use communal spaces so they feel safe, included, and supported at all times
  - Planning and organizing events for 30 to 450 people twice a month with predetermined budgeting
  - Foster an inclusive community where residents can connect on daily bases
- **Iowa State Weight Club, Head Safety Officer** August 2024 – Present
  - Ensure the safety of 130+ members on a daily basis
- **SolidWorks Club** August 2024 – Present
  - Working towards CSWP fall 2025

## **RECENT PROJECTS: My portfolio – <https://tylerhall.site>**

- Autonomous Tee Boxes - prototyping stage + moving to backend coding for in the shop
- Bait Makers United - building a directory website for handmade bait makers around the world
- Homemade Truck Bumper - built a truck bumper for 1997 Toyota Tacoma

## **TECHNICAL SKILLS**

- SolidWorks (CSWA, Simulation, Additive Manufacturing, and Sustainability certifications), Autocad, Inventor
- FEA Analysis, Lean planning, Blender, 3d printing, Procore, Python, Office + Google products