

Zach Fadness

507-440-0631 • zfadness@gmail.com • zachfadness.com

Work Experience

Hormel Foods • Austin, MN
Maintenance Engineer

Jan 2015-Present

- Managed labor and machinery resources to conduct emergency and planned maintenance work on equipment in order to maximize production capability.
- Led project work centering around upgrades to refrigeration and steam systems, working with outside contractors, machine availability, and tight budgets.
- Obtained certifications in refrigeration, boiler operation, and lubrication.

Design Engineering Consulting • Minneapolis, MN
Independent Consultant

Sept 2014-May 2014

- Designed and produced headsets for the Virtual Reality Design Lab at the University of Minnesota.
- Designed and prototyped an arm lab and a heart lab for high school students in conjunction with the College of Education and Human Development at the University of Minnesota.
- Provided design ideas for play spaces for a project through Cornell University.

Education

University of Minnesota • Mechanical Engineering

Sept 2011 - Dec 2015

- Minor: Product Design
- Highlight: Toy Product Design. I utilized my mechanical engineering degree on a cross-functional team to develop a new toy over one semester. Design process captured timeline from initial brainstorming to working prototype.

Skills

- Have developed experience in leadership, communication, teamwork, SolidWorks modeling, multiple programming languages, MATLAB, LabVIEW, web design, and video production.