



GARRETT REINKE

MECHANICAL ENGINEER



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 gwhr24.github.io

PROFILE

I am a hard working and fast learning Mechanical Engineer with three years of experience in aquarium life support systems and mechanical engineering design. I thrive in collaborative settings while building strong relationships and a positive work environment.

SKILLS

- AutoCAD, Revit, TRACE700, NX
Siemens, GrabCAD, SolidWorks
- MATLAB, Simulink, Python, C++,
JavaScript
- Excel, R, OriginPro

LEADERSHIP GROUPS

Formula SAE Controls Lead, Leaders in
Community Service, National Society
of Colligate Scholars

EDUCATION

MECHANICAL ENGINEERING

Magna Cum Laude
Mechanical FE Exam Certification

Missouri University of Science and
Technology

2019-2023

PHYSICS

Missouri State University

2017 - 2023

ACT: 33, GPA: 3.64

Deans List: 2019-2022

EXPERIENCE

PROJECT ENGINEER INTERN

CJD Engineering, Springfield, MO

May 2022 - April 2023

- **Design HVAC** and **electrical** systems using **design softwares** and **calculations**
- **Collaborating** with architects, civil engineers and structural engineers through the **design phases** of commercial projects
- **Evaluating building materials** and construction methods while ensuring **compliance** with building codes and regulations

LIFE SUPPORT SYSTEMS/MECHANICAL INTERN

Wonders of Wildlife, Springfield, MO

August 2021 - January 2022

- **Learning** the **mechanical, biological, chemical, and control systems** used in the facility
- **Programming, operating, repairing, maintaining, and monitoring** aquatic life support systems including **pumps, piping, filtration, disinfectant processes, and control systems**
- **Design, troubleshoot, and optimize** an aquatic life support system

CODE SENSEI/PROGRAMMING TUTOR

Code Ninjas, Springfield, MO

September 2019 - July 2021

- **Teach** kids **programming** in a variety of environments such as scratch.mit.edu, JavaScript, Lua, and Unity Game Engine
- **Collaborate** with instructors to plan events/lessons for students
- **Improving and streamlining** systems and work environments