



# GARRETT REINKE


MECHANICAL ENGINEER



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## 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

Missouri University of Science and  
Technology - Magna Cum Laude

2019-2023

### PHYSICS

Missouri State Univeristy

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