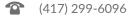
GARRETT REINKE

MECHANICAL ENGINEER





gwhr24@gmail.com

1927 S Pickwick Ave Springfield, MO

http://linkedin.com/in/garre tt-reinke-399315188

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

F D U C A T I O N

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