Winternship Project Proposal

Organization/Company: Avvid Corporation
Location: Laramie WY

Please provide a brief description of your organization/company:
Avvid is a high-precision, high-production CNC machine shop serving customers across the US in a variety of industries through advanced manufacturing processes.

Project Description:
Remote: ☑ On Location: ✗
Design, build, and install a higher-flow filtration system for two of Avvid's CNC workcenters.

Project Responsibilities:
Understand the need case and identify possible solutions
Create a project plan for the filtration system design and installation
Develop design for higher-flow filtration system
Model and source parts to build system
Work with team and Avvid members to execute project
Request support, technology, assistance as needed

Desired Qualifications:
Creative thinking
Self starter
Willingness to research and problem solve
Desire to learn new skills
Commitment to the project
Basic to intermediate design/build experience

Beneficial Qualifications:
SolidWorks experience
3D printing experience
Material science and sourcing

Skills, knowledge, and experienced to be gained by applicant:
Design process fundamentals
Project planning, management, and teamwork
Solid modeling use and function
System assembly and installation and trouble shooting
Quality Management System and operational systems function
Preferred Contact Information for Applicants:
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