

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

Willinness 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:

Gustave Anderson, gustave@avidcorp.com, 307.760.9977 mobile