

Z1 Junior CAD Designer

The Z1 Junior CAD Designer will be responsible for two primary tasks. First, legacy Z1 products without CAD information need Solidworks models and manufacturing drawings created. Second, they will work with Z1 engineers to design new product and generate the corresponding Solidworks part models, assembly models, manufacturing drawings, bills of materials, and project specific information.

Responsibilities:

- Use Solidworks to create part models, assembly models, and drawings for legacy Z1 product that does not have this information already.
- Seek engineering's approval for these models and drawings and ultimately load to Z1's approved part database.
- Assist Z1 engineers by completing manufacturing drawings for components with existing CAD models.
- Work with Z1 engineers to design complex parts and assemblies and ensure all proper documentation is completed.
- Own smaller design projects, from conception to commercialization, and learn the Z1 product lifecycle.

Required Qualifications:

- Associates degree in CAD drafting or 2 years of relevant CAD experience
- Trained in GD&T
- Skilled in PC usage and associated software including Microsoft Office
- Ability to work in a fast-paced, results oriented, environment
- Driven personality with the desire to learn from more experienced colleagues
- Passion for CAD modeling and product design

Desired Qualifications:

- Solidworks experience
- Automotive Enthusiast
- 3D printing experience
- 3D Scanning/metrology experience

Physical Demands:

- Must be able to sit and/or stand for long periods of time
- Must be able to lift 40lbs