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# Example of CAD Engineer Job Description

Our innovative and growing company is looking for a CAD engineer. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

## Responsibilities for CAD engineer

* Apply GD&T and other engineering techniques
* Simplify and standardize 3D/2D modeling practices through procedures, templates, automation and drive productivity
* Generate Part & Assembly 3D Models & Drawings, BOM and other project related documents
* Establish and implement quality checking process for all the projects
* Perform 3D Design in the required CAD platform (SolidWorks / Inventor / Creo) as assigned
* Create 2D drawings in the required CAD platform (SolidWorks / Inventor / Creo / AutoCAD) as assigned
* Identify and drive standardization efforts
* Work on global project activities and support team in project completion within committed timeline
* Creates printed circuit board(PCB) layouts and documentation from schematics using Zuken Computer Aided Design (CAD) tools
* Work closely with Control/Power Electronics /Mechanical Engineers to produce required PCB Designs

## Qualifications for CAD engineer

* BSEE or an Assoc
* Basic electronic design and scripting knowledge (Perl, SKILL, TCL/TCK, Python)
* Minimum five years of food industry experience working with AutoCAD 2D & 3D required
* Must be proficient with Microsoft Office, Word, Excel, Outlook, required
* Understanding of revision control methods and programs, knowledge of ClioSoft SOS is a plus
* Skilled in automotive component design using I-DEAS or NX5