

Example of Tool Designer Job Description

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Our company is growing rapidly and is hiring for a tool designer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

Responsibilities for tool designer

- Assist the Engineer in charge with the analysis of research and engineering problems
- Work from general specifications to create original layouts of all but the most complex products
- Design components such as die castings, plastic molded parts, sheet metal stampings and screw machine parts
- Make detail drawings and/or CAD models of components and subassemblies
- Perform dimensioning and tolerancing calculations
- Assist in the acquisition and analysis of information and test data pertaining to research concepts, products, designs, subassemblies and components
- From general information prepare drawings, product BOM's and Change Notices for release and/or change distribution
- Analyze prototype and competitive tools and measure and record data and information for evaluation by Engineers
- Work with Electrical Engineers to design Printed Circuit Board Assemblies (PCBA) for AC & DC circuits in new and existing products
- Fulfill component librarian duties including creation of component footprints, generation of schematic symbols, and entry of new parts in the Electronics CAD (ECAD) library

Qualifications for tool designer

- It would be preferred if you have experience in Python, XSLT and knowledge on Web technologies

- Ideal candidate will have 5+ years experience with Creo modeling and foundry tooling design
- 4 year Degree in Engineering Field
- 3 to 5 years of on the job experience in the field of EPDM Rubber Extrusion Tool Design Engineering
- CAD Design experience, SolidWorks is preferable