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# Example of 3D Engineer Job Description

Our innovative and growing company is searching for experienced candidates for the position of 3D engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for 3D engineer

* Support and responsive to factory build readiness issues and product performance escalations on EE sub-systems owned
* Manage and collaborate with outsourced Manufacturing Partner to deliver to program support needs in the factory throughout industrialization phase and post MR requirements environment
* Establish digital printing and processing conditions (time, temperature and environmental)
* Design, integrate, validate, and support the digital printing prototype
* Assist with the design and deployment of digital software to production, and designing and upgrading software architecture
* Work with researchers, systems and hardware engineers in system integration and commercialization efforts
* Work with vendors and suppliers to communicate design specs and drive on-time delivery of final components and devices
* Develop concepts, design, build and place into manufacturing the equipment necessary to meet facility requirements
* Document work via appropriate drawings, solid models and other written information
* Develop equipment cost justifications based upon part cost and volume

## Qualifications for 3D engineer

* 4 years plus experience in software development
* If you have a good knowledge of computer graphics/computer vision and are familiar with graphics APIs like OpenGL/OpenGLES/Direct3D, that would be a great advantage
* Willingness to work in a team based culture
* Master/PhD degree in the related discipline(computer science & engineering, mathematics)
* Passions in the video game development and/or related work
* Experience with 3D applications and their APIs is a plus