



# Example of Staff Applications Engineer Job Description

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

## Responsibilities for staff applications engineer

- Customer interactions including firmware related support and troubleshooting
- Study new concepts and architectures in order to exploit the advantages of IGBTs including the investigation of advanced drive schemes
- Define boundary conditions for using products in end customers' systems and support customers designing
- Develop platform and software standards
- Lead project architecture
- Own responsibility for the video quality evaluation of the final product
- Help develop video validation methodologies, both objective and subjective
- Assist in the creation and the development of technical materials
- Prepare and deliver trainings at customers sites
- Provide your input to the Product Management, Marketing and R&D teams based on your experience and customers' feedbacks

## Qualifications for staff applications engineer

- Knowledge of and/or experience with Requirements Management and Test Verification Tools (ReqPro, DOORS, RQM)
- Ability to work independently and in small team environments to achieve project goals
- Back-end skills (e.g., P&R, CTS, physical verification )

- In-depth knowledge and industry working experience in Datacenter applications, such as deep learning, machine learning, big data analytics, graph processing, bioinformatics, image processing, video processing, scientific computing, NFV, network acceleration, compression, security, storage arrays
- Ability to analyze, partition and develop complex systems in software or hardware in of the above areas