

For this role, your major responsibilities will be:

- Design systems for image capturing, processing, and system feedback.
- Develop systems and subsystems to detect components, defects and measurement.
- Conduct measurement and calibration tasks using precision tools to validate AI based measurements.
- Create and modify 3D models for sample testing procedure.
- Generate formal and informal test procedures for related hardware components.
- Maintain traceability matrices between requirements, test reports, and risk items
- Ensure device designs meet applicable regulatory requirements
- Work collaboratively with electrical, mechanical, and design groups to ensure successful subsystem integration
- Participating in design reviews
- Support the transfer of designs to manufacturing
- Create documentation for technical activities.