



Example of Biomedical Engineer Job Description

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Our company is growing rapidly and is looking for a biomedical 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 biomedical engineer

- Participate in Design Verification and Validation activities to ensure Design Outputs meet Design Input Requirements
- Function within a quality management system
- Work with others that perform complimentary functions as a part of the team
- Collaborate in the development and maintenance of the software procedures, work instructions and templates required to conduct and document software in compliance with FDA regulations and guidances, ISO 13485 and IEC 62304
- Facilitate and participate in the development of software requirements for projects along with the software engineers assigned to the project team
- Drive and facilitate software risk assessments and failure analyses for projects in compliance with IEC 62304 and ISO 14971
- Mentor/collaborate with software engineers on writing software test plans and verification and validation protocols test scripts
- Develop and execute protocols for validating off-the-shelf software, systems or processes for Quality Management System processes
- Assist in the selection of software tools including software development tools, configuration management tools, and issue tracking tools
- Ensure that Software configuration management is properly conducted and that software bugs are properly tracked and addressed

Qualifications for biomedical engineer

- Implementation and oversight of information technology integrations with clinical based computing environments
- Design and development of large scale cloud based web platform written in Open Source technologies
- Working towards a BS or MS in Biomedical Engineering or Bioengineering preferred
- Minimum of 3.0 out of a 4.0 cumulative GPA required
- Is at a minimum a sophomore in level of standing