ENGINEER I, SOFTWARE ENGINEERING

Posting ID: EM192194C2  
Company: Fresenius Medical Care  
Company Website: https://jobs.fmcna.com/  
Company: Fresenius Medical Care  
Work Location: Concord, CA  
Salary: DOE  
Salary: DOE  
College Major(s): Computer Science (CS)  
College Level(s): Undergraduate-Senior, Alumni  
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OVERVIEW

The entry level Engineer will participate in designing, executing, and championing research and development activities of Fresenius’ products. As a member of a tech team, the Engineer I environment is mentored - with oversight from higher level Engineers to complete pre-defined work. The Engineer I may be involved in quality planning, internal audits, data collection and analysis, specification development and review and design review and qualification. The Engineer I will work with cross-functional teams to develop, commercialize, and maintain high quality.

Roles and Responsibilities

- Applies Design Control procedures to product development.
- Assist with various projects as assigned by a direct supervisor or as delegated to a cross-functional team leader.
- Uses professional concepts in developing resolution to work assignments.
- Contributes to the generation of ideas and potential inventions to be used in new products.
- Receive training in methods and procedures during assignments and to prepare for future coordination activities of other personnel (Team Lead in the future).
- Develops and gives presentations dealing with projects, proposals, designs and project status updates.
- Hands-on involvement with fabrication, processing, and develops detailed engineering specifications.
- Develops new techniques, test protocols, writes SOP / TM and perform validations on TMs.
- Under supervision, sets up, adjusts and operates production equipment and analysis instruments when assigned.
- Understand the goals and contents of research projects, executes projects with timely deliverables.
- Maintain general housekeeping of the responsible working area.
- Trained in and maintains good documentation practices for all data forms, protocols, engineering and feasibility reports, and laboratory notebooks.
- Will escalate difficult/complex issues to supervisor/manager for resolution, as required. Will refer to senior staff, as applicable, for assistance.
- Introduced and encouraged to network with key contacts outside of area of expertise.
- Follow specific, detailed instructions on all work along with priorities from the direct supervisor or cross-functional team leader.
- Participates in cross-functional teams on new product development and manufacturing problem-solving efforts.
- Review and comply with the Code of Business Conduct and all applicable company policies and procedures, local, state and federal laws and regulations.
- Foster on-going learning through available means (e.g. trade publications, literature, papers, courses, etc.)
- Other duties as assigned.

**Education and Qualifications**
- Bachelor’s Degree in related Engineering or scientific discipline required
- 0 – 2 years’ related experience.
- Excellent oral and written communication skills

**Preferred Skills**
- Proficiency in C/C++, Java and/or Assembly/other programming languages and understanding of technical principals, theories and concepts in the software engineering field.
- Ability to debug and test integrated software using software and hardware tools as needed.
- Understanding of real time embedded operating systems as well as inter-processor communications and control.
- Understanding of integrated development environments, software source control and general software practices.
- Understanding of coding standards, code reviews and other related design reviews.
- Experience in TCP/IP and other method of communications is a plus.
- Requires excellent problem solving skills.

**How to Apply**
https://jobs.fmcna.com/job/-/-/488/11095753?src=JB-10720&rx_medium=post&rx_paid=1&rx_viewer=0cf28bcfcee111e8801a857b9b6c3e2cf191008e702f4d52b1cb317094596a34