NILE UNIVERSITY

NU is the first research, Non Profit "Ahleya" university in Egypt .It was inaugurated in 2007 as a world-class, internationally recognized education and research University.

Nile University is seeking to hire:
System Engineer-NilePreneurs

The Successful candidate will:

- Collect customer requirements during sales phase, analyze them, and generate technical scope in collaboration with various R&D teams
- Assist PM team with identification of technical resources needed in order to deliver the project successfully
- Orchestrate the development of Solution Architecture to fulfill customer requirements along with the different R&D teams
- · Manage requirements breakdown across the different disciplines involved in the project, maintain their development status and ensure that they interlock together for the final successful realization of the system under development
- · Act as a liaison between the different technical teams in integrated projects. Settle and arbitrate any clashes/disputes (maybe a more amicable term would be differences) that may arise along the different phases of the project, (with the client requirements always being the main reference point)
- · Assist project manager in evaluating impacts of changes on project in terms of cost (man hours) and duration, whether the changes are triggered internally or externally
- · Support requirements analysis, compliance development, and design concepts for systems and subsystems
- · Support of design reviews, drawing reviews and design review with supplier
- · Produce & take ownership of System FMEA in the project
- Develop verification and validation plans for the different subsystems involved in the product development to ensure smooth integration and successful system implementation
- · Accountable for product quality through careful selection of specifications, managing requirements and the different verification and validation procedures
- · Lead product integration reviews, mediation in trade-off situations in order to ensure design solutions

are aligned with product attribute targets

- · Lead the product acceptance criteria development with the client at project inception and conduct the acceptance with clients at end of delivery
- · lead the evaluation of different design decisions along with product development teams (SW/HW/Embedded...etc.) throughout the product development lifecycle
- · Top-level product CAD and BOM management, use best practices for ensuring CAD completeness and compatibility, support release process

• Requirements:.

- University Degree in mechatronics engineering
- Knowledgeable experience in at least two disciplines background (Mechanical + Electronics / Electronics + Software) are required.
- 0-3 R&D experience
- Very good command of written and spoken English Language
- Very good command of MS. Office Applications, especially Word, Excel & Power Point.
- Proficiency with CAD based design (Solid works preferred)
- Familiarity with Ansys, MATLAB and scripting languages
- Ability to work effectively in a multi-discipline technical team, ability to organize, prioritize and track a set of multifunctional work assignments.
- Flexibility and adaptability in a fast-paced and dynamic work environment
- Good problem analysis, assessment, and communication skills.
- Judgment, problem solving and decision-making skills.
- ability to cope with change and handle challenges without being easily distracted Proficiency in technical writing and verbal communication

To Apply:
Applicants must submit their CV to **careers@nu.edu.eg** , and mention the title of the job in the subject of their email.

For More information
https://www.nu.edu.eg/main/jobs-at-nu/

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