Job Title: Software Engineer

Department: Saltillo Engineering
Job Relationships:
     Reports to: Lead Software Engineer
     Supervises: None

Position Summary:
This person is responsible for generating, documenting and testing software for Saltillo's communication products and support tools. He/she will be responsible for all phases of project development; planning, design, implementation, testing, deployment and maintenance. This person must have strong programming skills, be a superior problem solver and be able to work well in a team environment.

Daily work will involve software development using Objective-C/Swift and SQL for the iOS platform. Experience with iOS development tools and iOS frameworks are preferred. The position will require full-time, on-site work at our corporate office. For highly-experienced iOS developers, the option to work from a remote location may be available.

Specific Duties and Responsibilities:

1. Work with Product Development and Marketing teams to generate product definitions for new products
2. Supply technical feedback to evaluate the feasibility of product definitions
3. Convert ideas and concepts for new projects into functional products by writing software for systems on dedicated hardware and personal computer platforms
4. Write software which easily integrates with software written by other engineers
5. Create and maintain documentation so that other engineers can make effective use of existing software
6. Modify, debug and maintain software for existing products
7. Take responsibility for software design; create designs which may be implemented by other team members
8. Work closely with research and hardware engineers and provide input to optimize the overall product design
9. Thoroughly test new and existing features and modules
10. Develop support tools to improve departmental reliability and efficiency
11. Present and defend designs and key deliverables to peers and executive-level stakeholders
12. Update job knowledge by participating in educational opportunities, reading professional publications, maintaining personal networks and participating in professional organizations
13. Maintain documentation, versions and revisions of software as needed to meet departmental, ISO and regulatory requirements
14. Attend department and applicable product meetings to obtain and communicate relevant information
15. Provide technical assistance to the service and manufacturing departments
16. Assist in training other staff
17. Other duties and responsibilities as assigned

Education and Experience:
1. B.S. in Computer Science or equivalent
2. 4+ years of professional experience writing object-oriented code for PC or mobile devices
3. Experience with SQL databases is preferred
4. Experience with the iOS platform is preferred
5. Familiarity with Unix-based command line tools
6. Good understanding of HTTP, REST and JSON
7. Experience with software localization
8. Knowledge, Skills, and Abilities:

Knowledge, Skills, and Abilities

1. Must have superb problem-solving capabilities
2. Must be adaptable to new techniques and technologies
3. Must have good interpersonal and communication skills
4. Must be able to work well with a team
5. Must be able to work independently with little supervision
6. Must have enthusiasm for working in the assistive technology field

Communication Requirements

Position duties require frequent contact with people both inside and outside the organization where matters discussed require professional and courteous communication skills which may impact the organizations policies, procedures, profitability and image.

Physical and Environmental Requirements

1. Fingering; Picking, pinching, typing or otherwise working, primarily with fingers rather than with the whole hand as in handling
2. Grasping; Applying pressure to an object with the fingers and palm
3. Feeling; Perceiving attributes of objects, such as size, shape, temperature or texture by touching with skin, particularly that of fingertips
4. Talking; Expressing or exchanging ideas by means of spoken word. Those activities in which they must convey detailed or important spoken instructions to other workers accurately, loudly, or quickly
5. Hearing; Perceiving the nature of sounds at normal speaking levels with or without correction. Ability to receive detailed information through oral communication, and to make the discriminations in sound
6. Repetitive Motion; Substantial movements (motions) of the wrists, hands, and/or fingers
7. Sedentary Work; Exerting up to 10 pounds of force occasionally and/or negligible amount of force frequently or constantly to lift, carry, push, pull or otherwise move objects, including the human body. Sedentary work involves sitting most of the time. Jobs are

sedentary if walking and standing are required only occasionally and all other sedentary criteria are met

8. The worker is required to have close visual acuity to perform an activity such as: preparing and analyzing data and figures; transcribing; viewing a computer terminal; extensive reading; visual inspection involving small defects, small parts, and/or operation of machines (including inspection); using measurement device

9. The worker is not substantially exposed to adverse environmental conditions