

Position Title: Software Engineer 1
Department: Engineering
Reports To: Software Engineering Management (Team Leader, Manager, or Director)
Job Status: Exempt

POSITION SUMMARY: Builds upon existing software solutions to develop basic software for Garmin products and/or applications in a team-oriented environment

ESSENTIAL FUNCTIONS:

- Builds upon existing software solutions to develop basic software in C, C++, C#, Java, assembly language, or other selected languages for Garmin products and/or applications consistently following Garmin's coding standards and in accordance with applicable software development methodology
- Perform new product and/or application software design and development as well as maintenance activities for products and/or applications already in production
- Troubleshoots basic issue reports, reproduces issues, evaluates technical cause and implements and tests software solutions
- Identifies and resolves defects of basic scope using proper engineering tools and techniques such as debuggers, emulators, simulators, and logic analyzers
- Communicates status of work clearly providing visibility to supervisor or mentor
- May be responsible for planning own technical work
- Applies design standards and procedures to implement basic designs
- Learns how to use and apply engineering tools as needed for this role
- Thoroughly documents work in an organized manner
- Works collaboratively and professionally in a team environment with other Garmin associates to achieve goals
- Accepts and acts on constructive criticism
- Apply Garmin's Mission Statement and Quality Policy and enthusiastically exhibit a desire to see Garmin succeed

OTHER RESPONSIBILITIES:

- Review product and/or application information including manuals and brochures for technical accuracy
- Participate in product and/or application definition activities including feature analysis and system tradeoffs
- Perform other duties as necessary

EDUCATION EXPERIENCE AND SKILLS REQUIRED:

- Bachelor of Science in Computer Science, Electrical Engineering, Computer Engineering, Aerospace Engineering, Math or Physics or a technical field (such as CIS or IT) relevant to the essential functions of this job description from a four-year college or university **OR** an equivalent combination of education and relevant experience
- Outstanding academics (cumulative GPA greater than or equal to 3.0 as a general rule) with the demonstrated ability to apply learned knowledge
- Must demonstrate knowledge, education, experience and/or training necessary to develop basic software in C, C++, C#, Java, assembly language, or other selected languages
- Demonstrated strong and effective verbal, written, and interpersonal communication skills

DESIRABLE QUALIFICATIONS:

- Superior academics (cumulative GPA greater than or equal to 3.5 as a general rule)
- Previous experience working in a team environment

EEO/AA