

Senior Software Engineer – Job Description

About Delta-Q Technologies Corp.:

Delta-Q Technologies, founded in 1999 and based in Burnaby BC, is a provider of advanced power conversion and power management products to the Electric Drive vehicle industry. Delta-Q's products significantly improve the performance of today's electric drive vehicles used in transport, recreational, industrial and materials handling applications. As well, rapid growth in vehicle adoption in developing countries has forced automotive OEMs to seek 'cleaner and greener' transportation solutions to address pollution concerns in massive, highly populated urban centers. Delta-Q is working with vehicle OEMs around the world to address these issues, and is involved in both pure battery and hybrid vehicle power systems. Delta-Q's product suite improves overall vehicle performance at a lower system and lifetime operating cost and these products are being used by leading OEMs in the Electric Drive vehicle industry (golf car manufacturers, work vehicles, material handling, and recreational electric vehicles). Delta-Q adheres to a lean philosophy and is managed by an experienced team committed to the most current and effective business and product development practices. With our OEM customers, we have demonstrated our willingness, need, and passion to involve the customer in product development at its very inception. The result of this customer collaboration is product designed to meet real-world customer needs and an improved ability for us to anticipate future market needs. By focusing on our core competencies and employing best of class subcontractors for other areas, Delta-Q provides the best overall product and service. The corporate culture is dynamic, fast-paced and high energy and the ability for employees to share duties and wear multiple hats at times is an expectation. For more information about Delta-Q Technologies, please visit us at www.delta-q.com.

Job Description:

As a senior software engineer, your duties include:

- Designs, develops and documents significant sections of a complex and comprehensive product suite.
- Produces requirements and test specifications
- Provides work load estimates
- Develops and maintains software development schedule
- Provides technical guidance to junior developers.
- Develops an in-depth understanding of our current product and provides ideas for improvement of the product.
- Architects and implements programmatic data flows and user interfaces.
- Conducts implementation and unit testing for assigned work packages, may also conduct integration testing.
- Participates in design reviews.
- Remains current on technology and provides guidance to management on implementing these.
- Controls source code.
- Scopes, estimates and schedules work on projects.
- Carries out other related tasks and projects as required.

Required Work Experience, Skills and Knowledge:

- Strong experience in developing embedded software for automotive applications
- Familiar with automotive software quality requirements, process requirements and development techniques
- Experience in complete product life cycle from product concept to maintenance and support
- Strong oral and written communication skills
- Ability to lead a development team and resolve conflicts
- Thoroughness and attention to details
- Time management skills
- Ability to provide realistic workload estimates
- Ability and desire to deliver on commitments
- 7+ years of embedded software development experience
- C programming experience in large scale product development with formal development methodology
- Strong Knowledge in distributed systems and communications protocols

Highly Desirable Skills and Knowledge:

- Experience in working with multiple automotive OEMs
- Knowledge in OBD II
- Knowledge in power electronic products
- Experience with Renesas micro processors

Education Required:

- Bachelor of Electrical Engineering or Computer Science

Our Privacy Commitment to Candidates:

We respect your privacy and will never submit a resume to a third party without your permission. You can be assured that the information you give us will never be forwarded to any hiring company without your specific, direct permission in advance. Not all applicants will receive a response. Only the top candidates will be notified.

Response Information:

Please send resume as an attachment to careers@delta-q.com.

Thank-you,

Delta-Q Technologies Corp.