

Embedded Software Engineer - Industrial

Are you looking for challenging career opportunities? Do you truly want to make a difference in the world through technology innovation? Delta-Q could be the place for you.

Delta-Q Technologies, founded in 1999, supplies vehicle manufacturers with power conversion solutions enabling the shift away from internal combustion engines to environmentally friendly electric drive systems. Considered the technology benchmark in industrial AC-DC battery chargers and integrated DC-DC power converters, Delta-Q products are installed on hundreds of thousands of vehicles such as golf cars, aerial work platforms, industrial floor cleaning machines, Neighborhood Electric Vehicles, and plug-in hybrid and utility vehicles.

To support our continued business growth and to resource several new product development programs, Delta-Q is recruiting for a variety of Engineering, Product Management, Product Support, and Sales positions. Our vision is "Delta-Q in electric vehicles everywhere!" and our focus is to hire the best and brightest to make that happen. Find out how rewarding it is to help advance the state of vehicle electrification while working in a dynamic culture that embraces honesty, integrity, perseverance and innovation.

POSITION SUMMARY

The Embedded Software Engineer will work as part of a multi disciplinary team focusing on embedded software products. This position will be involved in making continuous improvements on existing products and Delta-Q supporting application engineering and production support teams. The individual needs to be an enthusiastic team player, self-starter, detail oriented, tenacious and keen in embedded software development. Ideally the individual shares an interest in alternative transportation methods, electric vehicles and clean solution technologies.

PRINCIPLE RESPONSIBILITIES

- Implement feature improvements
- Troubleshoot problems and correct known issues
- Document software changes
- Participate in peer code reviews
- Perform thorough validation to ensure the software changes are production ready
- Improve software regression test coverage and efficiency
- Provide technical support for application engineers and the product support team
- Travel to customer sites to trouble shoot field issues when necessary
- Contribute to software continuous improvement efforts

QUALIFIED CANDIDATES SHOULD POSSESS

- Education: BSc or BA in electrical engineering or computer science
- 1-2 years of embedded software development experience in C
- Keen interest in continuously expanding knowledge in software technology and high reliability software development
- Familiar with embedded software development tools
- Strong written and oral communication skills
- Able to operate basic lab equipment such as oscilloscopes, DMMs, data acquisition units, electronic loads
- Ability to understand hardware component data sheets and basic schematics
- Experience with software state machines
- Ability to work effectively on an individual basis and in a team
- Experience with TI MSP430 MCU, AC power systems and digital control systems are definite assets
- Occasional travel may be required

Please send resume as an attachment to careers@delta-q.com quoting "Embedded Software Engineer" in the subject line.

Delta-Q is located in Burnaby, BC, the geographical centre of Metro Vancouver. With a diverse economy and a growing high-technology sector, Vancouver is a world-class multi-cultural city set amidst the natural beauty of the ocean, lakes, rivers and mountains of the Pacific Northwest region. It is no wonder that so many people from around the world have made Vancouver their home and those raised here have chosen to remain.

Challenging career opportunities, competitive benefits and an outstanding location make Delta-Q a great place to be.

For more information about Delta-Q Technologies and current career opportunities please visit us at www.delta-q.com