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## Senior Firmware & Hardware developer

**Are you passionate about Firmware as well as Hardware development and do you want to help create the new infrastructure for e-vehicles? Then we have an exciting challenge for you.**

We are looking for a skilled and ambitious Firmware and Hardware developer for our R&D department. With reference to our CTO, you will become a member of our team of highly professional R&D engineers. You will work in projects with true integrated product development, and with cross-functional disciplines such as hardware, control engineering, embedded software, mechanics, manufacturing, and testing. This job offers an ample opportunity for personal development, and for being a part of our exciting growth journey.

### Your responsibilities will include

- Driver development
- Embedded Firmware development in C and C++ for buildout of our DSP based control platform
- Hardware design and protocol implementation of various communication interfaces like CAN, USB and RS-485
- Highspeed digital design
- Hardware design of low voltage digital and analog circuitry

### Your qualifications

- You are the person who thrive by designing a controller board and write the drivers to get it running. Depending on your strength and preference the position can be adjusted to have more focus towards HW or FW
- BSc or MSc in electrical engineering with at least 5 years of relevant work experience
- C and C++ programming skills
- Understanding of real-time operating systems and real-time handling of HW
- Knowledge of common network protocols and standards to be able to make the best design decisions
- A structured approach and acceptance of the importance of good documentation
- Good communication skills, with excellent written and spoken English and Danish
- Outgoing and positive attitude, and you thrive by working in teams

You must be comfortable working in a laboratory and with building prototypes, and you must have experience in using measuring instruments such as oscilloscopes, power analyzers, electronic loads, etc.

### We offer

An interesting job in an ambitious and growth-oriented company. We have our own in-house electronics production, and one of our strengths is that, with this close integration of development and production combined with a "Go do it" attitude, we move quickly and safely from design to ongoing production.

Our organisation is characterised by highly motivated, responsible colleagues. Freedom with responsibility is one of our key values, and you will find the working environment is informal, agile, and deeply founded on a good collegial spirit.

Determined to attract and maintain the best talent, we encourage all to continuously learn new skills. We have a flexible attitude towards working hours, a policy for home-working and we offer a favourable salary and pension plan as well as health insurance.

### Application

Please send your application letter and your CV via [job@converdan.com](mailto:job@converdan.com). We encourage you to apply as soon as possible, as we process the applications on an ongoing basis. If you have any questions regarding the position, you can contact CTO Jens Kiib on 21 41 58 04 or email [jki@converdan.com](mailto:jki@converdan.com). All job applications are treated with full confidentiality.

### About Converdan

Converdan A/S develops and produces power converters that are used in fast chargers for electric cars, energy storage and other applications for customers worldwide. The company won the "Børsen Gazelle Award" three consecutive years and expect continuous growth in the years to come. We are currently 23 colleagues in development and production. Read more about Converdan A/S at [www.converdan.com](http://www.converdan.com).

**JOIN CONVERDAN AND ELECTRIFY THE FUTURE**