

Embedded C Software Developer for BLDC inverter

Job description, responsibilities and duties

- Deliver high-quality C code for embedded systems in project or product based development
- Follow corporate coding rules and MISRA 2012 standard
- Verify code functionality by proper debugging and testing
- Participate in code reviews and team workshops
- Create documentation to serve as a reference for our customers as well as to simplify future development and maintenance of code
- Provide additional support to our customers if needed
- Bring your own ideas to improve existing development process and the software itself

Employee perks, benefits

- 13th salary, loyalty rewards and end of year rewards
- Access to wide range of social benefits via Benefit plus card
- Special employee's discount program for Bosch and Siemens home appliances
- Supplementary pension contribution
- Referral bonus
- Flexible working time
- 7.5 hour work day
- Home office
- Additional free days in case of selected personal/family events beyond existing labor law
- Trainings and development opportunities (hard and soft skills trainings, language courses, product trainings...)
- Exhibitions visits (e.g. IFA, Embedded World etc...)
- Team building events

Candidates with education suit the position

University education (Bachelor's degree)

University education (Master's degree)

Postgraduate (Doctorate)

Educational Specialization

Computer Science, Electro-Engineering or Physics

Language skills

English - Upper intermediate (B2)

Number of years of experience

3

Personality requirements and skills

- Proficiency in ANSI C language in embedded environment
- Familiarity with microcontroller architecture and common microcontroller peripherals (e.g. UART, SPI, I2C, timers, ADC, DMA...)
- Ability to deliver clean and well documented code with emphasis on efficiency and maintainability
- Experience with VCS and ALM tools (e.g. Git, SVN, Jira, Polarion...)
- Basic understanding of the fundamentals of circuit theory
- Experience with BLDC sensor less control (Field oriented control)
- Experience of BLDC motor control simulation in MATLAB and Simulink appreciated
- Ability to work in team as well as individually according to current requirements
- Flexibility and willingness to adapt to the new practices and to learn new technologies

Salary: due experience 1100-2000 euros/months

Contact:

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