校招｜施耐德 2020 届研发方向毕业生招聘职位汇总

面向人群：海内外院校 2020 届毕业生

毕业时间：2019 年 06 月-2020 年 10 月

简历投递邮箱: ta@se.com

招聘岗位：电力电子方向/嵌入式软件方向/机械方向/测试方向

1. Electronics Hardware, Design Engineer

Location: Shanghai

Responsibilities:

1) In charge of a block of hardware (Digital, Analogue or FPGA) design/debug, working with eCAD Engineer to complete PCB layout design.

2) Supporting for all cross-functional teams during R&D phase.

- - Work with Software board bring-up in lab.
- - Work with Quality for all delivers (ECSQ etc.)
- - Work with Purchaser for low BOM Cost
- - Work with Industrialization/EMS plant for EP/MP/PR Blank PCB/PCBA manufacture
- - Work with Certification to solve all EMC/EMI issues.
- - Work with Validation team to solve all issues.

3) Work with a cross-functional global team in multiple time zones.

Requirements:

- BS, MS(Preferred) in Electrical Engineering
- Strong interpersonal skills is a must.
- Digital/Analogue embedded system design capability.
- FPGA design capability
- Must be a self-motivated team player with good oral and written English communication skills, and strong sense of ownership.
- Good written and spoken English
- Good communication and team work spirit

2. Firmware Engineer

Location: Shanghai

Responsibilities

- Embedded software design based on MCU/MPU
- Write firmware design specifications with system architecture view
- Design and develop firmware using software development best practices
- Cooperating testing of Firmware on HW platform including optimization and debugging of problems
- Coordinating communication on new ideas and presentations to other team members

Knowledge and Skill Required:

- Master or above with Electrical Engineering, Automation Control, Computer Engineering, or related major
- Solid skill on C/C++ coding and debugging on embedded platform
- Solid knowledge on data structure and algorithm
- Good understanding on peripherals like UART, CAN, SPI, I2C etc.
- Familiar with architecture of ARM core like Cortex-M3/M4
- Familiar with laboratory tools such as oscilloscopes, power supplies and multimeters
- Skills on python, shell scripts are pluses
- Knowledge on digital signal processing algorithm is a plus
- Strong verbal and written communication skill in English
- Good communication model and ability to follow up assignment actively with open mind

3. Mechanical Engineer

Location: Shanghai/Xian

Responsibilities

- Find alternative solutions in accordance with the whole project objectives: Marketing, industrial and quality
- Be in charge of giving a detailed definition of the product.
- Ensure to provide the right quality level of technical deliverables at each project development phase

- Design totally or in part the MCCB/ACB product's mechanical assembly
- Keep improving the quality of MCCB/ACB product, Assist the production unit when mass production starts
- Understand project management, provide basic support
- Achieve product design and verification in constrains with the applicable product standards and interpretation of marketing requirements.
- To contribute technical solution / idea for new product development/solve technical issue
- Make sure robustness design through simulations and tests, Apply RADAR
- Control parts and qualification and the mounting of prototypes.

Requirements:

- Be expected to take a pro-active approach to identify project risk and deliver high quality products
- Good at Pro-E, preferred if familiar with digital simulation tools: static and dynamic analysis
- Good at Tolerance stack analysis
- Good command of both oral and written English
- Autonomy, ability to take initiative
- Very organized, rigorous, and good team spirit
- Good communication and project management skills
- Preferred academic qualifications and background
- Bachelor or above degree majored in Mechanical/Electromechanical Engineering

4. Validation & Verification Engineer

Location: Shanghai

Responsibilities:
- Review of assigned requirements to ensure testability.
- Creation of assigned test cases and technical review of test cases created by test team members.
- Creation of assigned automated test cases. The test cases should produce automated test results.
- Execution of assigned test cases and debugging of test. Update of test case description in the test management tool.

- Logging of defects found during the testing process to expedite remedial work by developers.
- Production of summary test reports which identify tests undertaken and result and defects logged.
- Keep abreast of latest developments in test equipment technologies, tools and processes.
- Identify opportunities to use these latest developments to improve the product offer.

Requirements:
- Bachelor's degree in Electrical/Electronics Engineering
- Ideally will have basic awareness and capability in the design and operation of test automation environments.
- Ideallyworking knowledge ofelectronics product development processes relatedto design of microprocessor based systems for real time embeddedsoftware based measurement and control application.
- Good written and spoken English
- Good communication and team work spirit

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