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Career:
Embedded Engineer

Job involves:
1. Participate in the software development of DSP, STM32 and other embedded systems;
2. Cooperate with FPGA and system engineers to complete the drive development, software and hardware debugging of FMCW lidar series projects.

Job requirements:
1. Full time bachelor degree in computer, electronic information, communication specialty and other relevant majors, with at least one year of embedded working experience;
2. Master the performance, structure and development of STM32 series chips;
3. Master C, C + + and other languages, and have good programming habits;
4. Be familiar with the peripheral interface circuit of STM32 and the application of its associated hardware circuit, and be familiar with various communication protocols of DSP / MCU;
5. Have good working attitude and learning ability.

Career:
Human Resources

Job involves:
1. Provide and implement recruitment, screening and other solutions according to the needs of business departments;
2. Ensure the supervision of recruitment, training, performance compensation and other specific practices.

Job requirements:
1. Bachelor degree or above, major in human resources;
2. At least one year working experience in human resources, working experience in semiconductor company is preferred;
3. Have good coordination ability and communication skills.

Career:
FPGA Engineer

Job involves:
1. Complete FPGA related work in FMCW lidar system;
2. Complete signal processing related work, such as FMCW signal generation in the transmitter, signal FFT in the receiver, etc;
3. Cooperate with circuit engineer to complete system commissioning.

Job requirements:
1. Bachelor degree or above in electronics and communication;
2. Have the ability to independently design FPGA program architecture;
3. Master Verilog HDL and other hardware description languages, and be familiar with C programming language.
4. Be familiar with typical signal processing methods, be proficient in MATLAB and be able to simulate relevant algorithms.

Career:
Circuit Design Engineer

Job involves:
1. Be responsible for PCB design of FMCW series projects;
2. Cooperate with FPGA and embedded engineers to complete relevant tests;
3. Prepare and sort out relevant design documents.

Job requirements:
1. Bachelor degree or above, major in electronic information, with PCB design experience;
2. Master PCB related design software, such as Altium designer, Cadence, Auto CAD, ADS, etc;
3. Proficient in digital and analog electrical related knowledge;
4. Good teamwork and strong self-learning ability.

Career:
Silicon Optical Chip Engineer

Job involves:
1. Complete the design of solid-state lidar beam control chip;
2. Complete streaming communication and testing;
3. Participate in packaging plant planning.

Job requirements:
1. Master of silicon photonics or above;
2. The number of chips is more than 2, and the total design chip area is greater than 1 square centimeter;
3. Be familiar with silicon light design and layout tools such as EDA under lumerical and synopsis;
4. Have a deep understanding of silicon optical devices, such as waveguide, MMI, SiGe PD, coupling, heat transfer, etc;
5. Have solid basic knowledge of signal processing, communication, etc.

Career:

Analog Chip Engineer

Job involves:

1. Complete the design of small signal RF receiver;
2. Complete streaming communication and testing;
3. Assist in digital chip outsourcing.

Job requirements:

1. Master of analog chip or above;
2. The number of chips is more than 2, and the total design chip area is greater than 0.2 square centimeter;
3. Master vituoso and other design and layout tools;
4. Have a deep understanding of simulator components, such as mixer, active filter, ADC, etc; Participated in high-speed AD / DA design as an important sub item;
5. Have solid basic knowledge of signal processing, communication, etc.

Career:

Structural engineer JD

Job involves:

1. Design the overall product structure, parts, accessories and process drawings according to the project requirements;
2. Be responsible for supplier technical contact, mold opening review, molding process review and failure analysis review;
3. Be responsible for structural design, mechanical analysis and scheme optimization of optical fiber and lens;
4. Be familiar with the principle and use of various transmission, servo and detection mechanisms or components, and have good modeling ability;

Job requirements:

1. Professional software: 3D design software related to structural design, such as UG / PROE, AUTCAD engineering drawing software, office software;
2. Professional knowledge: mechanical design related knowledge, tolerance matching knowledge, material application knowledge, part processing technology knowledge, etc.