

SR Embedded Software Engineer

- Bring up and verify functionality of new embedded system platforms using test C code and lab equipment (power supplies, oscilloscopes, etc.)
- Design and testing of low-level control drivers for a variety of peripherals such as converters, synthesizers, etc.
- Bring up of real-time embedded operating systems like RT-Linux on ARM platforms
- Work with system specifications to implement, verify, and test embedded systems drivers and algorithms in C/C++ running on these systems
- Ensure that designed modules meet specifications and interface correctly with the rest of the system
- Work with mixed signal and digital design engineers to ensure that interfaces are properly designed
- Help systems team identify and select appropriate embedded systems controllers

Job Requirements:

- 4-7 years' of experience implementing autonomous systems like those found in today's generation of self-driving cars; automotive experience a plus!
- Demonstrated ability to design, build, and ship C code for embedded systems
- Fluent in C/C++ and able to rapidly design, test, and verify systems
- Experience with embedded operating systems (RT-Linux) on ARM platforms
- Experience with a variety of microcontrollers including ARM and MIPS
- Applicants must be eligible to work in the United States

Embedded Systems Software Engineer

- Bring up and verify functionality of new embedded system platforms using test C code and lab equipment (power supplies, oscilloscopes, etc.)
- Design and testing of low-level control drivers for a variety of peripherals such as converters, synthesizers, etc.
- Bring up of real-time embedded operating systems like RT-Linux on ARM platforms
- Work with system specifications to implement, verify, and test embedded systems drivers and algorithms in C/C++ running on these systems
- Ensure that designed modules meet specifications and interface correctly with the rest of the system
- Work with mixed signal and digital design engineers to ensure that interfaces are properly designed
- Help systems team identify and select appropriate embedded systems controllers

Job Requirements:

- 1-3 years of experience implementing autonomous systems like those found in today's generation of self-driving cars; automotive experience a plus!
- Demonstrated ability to design, build, and ship C code for embedded systems
- Fluent in C/C++ and able to rapidly design, test, and verify systems
- Experience with embedded operating systems (RT-Linux) on ARM platforms
- Experience with a variety of microcontrollers including ARM and MIPS
- Applicants must be eligible to work in the United States