Software Embedded (Junior)

Silicon Gears : Get to know us a bit better

In Silicon Gears we offer software integration services and consulting in the field of automotive. As Preferred Partners of TTTech, we offer quality, safety, and security in our solutions.

The automotive world is currently witnessing a double revolution. Assisted driving systems, the electric car, and the introduction of Ethernet in cars will forever change the way we understand mobility. To make this reality, engineers are needed who both know the current technology and are also daring enough to reinvent and adapt it for a greater future.

Your Role:

As an **Embedded Software Engineer,** you will develop, model and integrated software modules for the automotive industry in ADAS (Advanced Driver Assistance Systems) or Gateway projects

Key responsibilities:

- Configure OS modules
- Analyse customer requirements
- Be able to debug code for microcontroller targets
- Document and write technical manuals for the delivered software
- *And many more challenges*

Skills to create the difference:

- C language for embedded systems.
- Low level debugging
- Microcontrollers knowledge
- English fluency! All our customers are from outside Spain

Nice to have:

- Previous experience in real-time systems design and programming
- Basic electronics – the capability to understand schematics and use an oscilloscope
- Experience in team-based development, using centralized issue trackers like JIRA, version control systems like SVN or git...
- LIN/Flex Ray knowledge

- Previous experience in Python and other scripting languages is appreciated
- CAN knowledge
- Basic knowledge in Ethernet

Why join us?:

- Development in cutting edge automotive areas
- Professional development
- Challenges
- Flexible schedule
- Paid extra hours or vacation in exchange
- Experienced team
- Location: Centre of Barcelona
- Free delicious coffee & fruit!