Delphi Technologies

ELECTRONICS SOFTWARE ENGINEER

Main Duties and Responsibilities:

The electronics software engineer will be required to take part in development of real time electronic control systems for engine and vehicle electronic systems.

Main duties:

- Integrating customer libraries into a Multicore embedded environment including design & development of tools for data protection and code autogeneration
- Implementing engine control algorithms and strategies from specifications including their on-target validation
- Supporting system team in analysis of requirements and their impact on SW
- Supporting SW investigations with in-circuit emulators, prototype SW and static code analysis
- Provide expertise for investigations and problem solving activities.

Education: 4 or 5-year University degree in Electrical Engineering or Computer Science

Work experience / Skills

- Demonstrable industry related experience of developing real time embedded software.
- Experience of working for a Tier 1 supplier in the automotive industry.
- Deep knowledge of C language, compilers and build environments including industry development guidelines (MISRA C)
- Knowledge of configuration management tools
- Experience of real-time debugging using in-circuit emulation tools
- PERL and/or Python skills advantageous
- Autosar experience advantageous
- Knowledge of ASAM standards advantageous
- Matlab/Simulink skills advantageous
- Good analytical and problem solving capability
- Good communication skills
- Fluency in English is required. German or French would be an advantage.

We offer:

- Integration in an international environment with ample career progression perspectives
- Training and development opportunities
- Competitive compensation & benefits package