PROCESO DE SELECCION INGENIEROS PARA SUECIA

Perfil general:

- Puestos en I+D en industria automoción: Ingenieros electricidad, electrónica, telecomunicaciones, informática
- Experiencia relevante para el perfil de al menos 2 años
- Nivel fluido de inglés que permita desarrollar las tareas del puesto
- Tras las condiciones generales y forma de solicitar el puesto se describen los mismos.

Volvo Cars en Gothenburg, Suecia, necesita ingenieros que puedan trabajar en varias actividades I+D, particularmente relacionadas con la electricidad y la electrónica. Se requiere una sólida **formación de ingeniería** en ese campo y un **mínimo de dos años** de experiencia. Volvo da la bienvenida a los candidatos que no hablen sueco pero tengan un **nivel fluido de inglés**. Volvo da facilidades en varios aspectos relacionados con la movilidad a Suecia. (Ver condiciones)

El resto del texto se facilita en inglés respetando el original transmitido por la empresa.

Presentación de la empresa:

Volvo Car Corporation (VCC) creates the safest and most exciting car experience for today's modern families all over the world.

At VCC, we are proud of our products and of the values that Volvo Cars embodies - quality, safety and care for the environment. Consequently we bring these values to our customers through our employees.

At VCC, we understand the value of a balance between work and leisure in life, and we offer many diverse opportunities within an international company that is ethically sound. We further offer our employees an adventurous job experience around the world, with plenty of scope for the imagination and lots of room to grow.

VCC designs, develops, manufactures and markets Volvo Cars all over the world. Its research and development mostly takes place in Gothenburg, Sweden. The main production currently occurs in Belgium and Sweden. The number of employees is approximately 20 000 people. Volvo cars are sold in more than 100 countries around the world.

Research and Development

The employees in Research and Development are responsible for the development of VCC's car program. Our daily work includes transforming ideas into innovations to meet the high standards of future vehicles. We use the latest technologies and advanced methods to develop the safest car in the world and with great devotion for the environment, offer our customers a genuine driving experience. Join us on our way towards the future.

Salarios: The salary for an engineer of this kind, with the right competence and experience can approximately 3930-4475 EURO/ month

La empresa ofrece además:

- Relocation (travel tickets for family, moving cost etc.)
- Settling in support :(bank-account, information about school system etc.)
- Information and introduction – living in Gothenburg/Sweden including orientation tour
- Tax briefing: Introduction to get an understanding of the tax system in Sweden and net effect of salary
- Paid accomodation for three months, provided and selected by the company
- Leasing Car offer

* Please note that some of these support offered from the company can be subject to taxation for the employee

La descripción de puestos a continuación...

PERFILES DE PUESTOS EN EL AREA I+D

Active Safety & Chassis
System Designer Active Safety – Parking Assistant System
System Engineer Steering ARS
Test and Development Engineer in Active Safety Electronics
SW Engineer for Steering Systems
System Engineer within Function Area Steering
SW Design Engineer Collision Avoidance and Driver Support
Function Owner Brake & Vehicle Dynamics Functions
Function Developer Brake & Vehicle Dynamics Functions
Visionexpert at Volvo Car Corporation
System Designer within Active Safety – Static Object Fusion
Electronic Hardware Design Engineer within Active Safety

Body & Trim Engineering
Design Leader, Door Panel

Electrical & Elecrical Systems Engineering
Engineers within Automotive Electronics – Architecture & Systems Integration
Engineers within Automotive Electronics – Hybrid Electric Vehicles & Power Supply

Attribute Leader Navigation
Component Leader (KU) Audio
Software designer, Electrical Accessory
System Designer Speech

Component Design Engineer SW within Infotainment and Telematics
Function Design Engineer Connected Car – Telephony and Telematics
Software / Hardware Designer

HMI- System Expert
Flash Simulation Interaction Designer

Hardware Engineer
Software Engineer

System Architect
Test Engineer Electrical System
Project Manager (KU) - Telematics with focus on WLAN communication
Design Engineer HW Telematics

Software Designer
Senior Hardware Designer, Electrical Accessory
System Designer, Entertainment
System Engineer - Telematics
System Architect with a focus on Logical Architecture
SW Designer

Analysis Engineers within Navigation, Telematics / Connectivity or Infotainment

Powertrain Engineering
CAE Engineer structural analysis of engine components
CAE Engineer Powertrain Mounts System
CAE Engineer CFD Combustion engines
CAE Engineer engine gas exchange and lubrication system

Vehicle Engineering
CAE Engineer NVH

Other qualifiers are personal characteristics such as:

- Integrity, courage and personal energy
- Openness to change
- Inclusiveness
- Good judgment
- Good pedagogical skills
- Business orientation
- Excellent English skills, verbally and in writing

PUESTOS ESPECÍFICOS:

- **System Architect focus Logical Architecture (REF 94121)**

Job description

Electrical Systems Architecture is a department responsible for the complete electrical architecture. This means the development of and responsibility for the logical architecture and the network topology.
Technical solutions for Vehicle Mode Management and Start.
The department is also responsible for the Function Implementation Plan for the complete electrical system, for the Integration plan and for the Virtual Functional Development, Integration and Test (SIL/HIL)

We are now looking for a System Architect with focus on logical architecture.

Main tasks

- Develop a complete electrical architecture based on functional content and attributes (flexibility, robustness). The electrical architecture consists of strategies and structures for electrical and logical solutions. The electrical architecture controls and guides the detailed design of the complete electrical system.

- Develop a logical architecture which defines logical components their relationships. Deployment of the logical components to the network topology.

- Develop a UML-model of the logical architecture. This model is the base for the detailed logical solutions on subsystem and ECU-level.

The department strives to be a strong team, to develop the electrical architecture area regarding technical content and methodology. Last but not least feel good and have fun at work!

Who are you?
Qualifications

- University degree in electrical or software engineering, preferably Master in Science or equal competence level achieved by long term experience.
- Very good knowledge and experience of the technical area, e.g. distributed system and system architecture.
- Experience in logical architecture, object oriented methodology and modelling.
- Knowledge and experience in UML. Tools as Rhapsody or Rational Rose.
- Knowledge and experience in Autosar, System Safety is qualifying.

PUESTOS ESPECÍFICOS:

- **Attribute Leader Navigation (ref. 94711)**

Job description

The attribute area of Infotainment & Connectivity consists of seven employees who jointly develop and provide attribute requirements and test methods for visual, audio, navigation, connectivity as well as performance attributes of wireless connectivity and broadcast.

Navigation is the collectively used name to describe the following functional areas:

- Guiding a driver to a specified location through visual and audible instructions
- Searching for different types of locations/ addresses
- Receiving detailed and updated Traffic information while driving
- Providing accurate positioning and route calculation

Main tasks

- Attribute requirement and method development for complete vehicle and system level as well as verifications method development
- Performing competitor analysis
- Following the technological and functional evolution within automotive as well as consumer electronics with regards to navigation and positioning
- Developing the long term strategy and goals for the attribute area
- Taking part in development projects with the responsibility for the attribute navigation

Qualifications:

- Very good knowledge of the above described area of navigation and positioning
- Knowledge and user experience of different navigation systems from Volvo as well as competitors and consumer market is preferable
- Experience from automotive development
- University degree in Engineering, preferably Master in Science, or similar experience

PUESTOS ESPECÍFICOS:

- **Feature Teamleader/System Designer (ref 947149)**

Job description

94714, Tuners & Antennas is a group within the infotainment section which is responsible for the antennas and digital receivers, features AM, FM, TMC, TV, GSM, GPS, Sirius, Vics, DAB, etc. The group is responsible for both the customer function development, project management, HW and SW-D and the development / implementation of test and verification.

The Tuners & Antennas group is looking for an employee who will work as a Feature Team leader / systems designer for one or more areas of Entertainment.
You will be working as a team together with function developers, component designers, system testers and project managers. As a Systems Engineer you will be involved in all phases of system development. From early FU / Big Bang development to project implementation and the production start. This involves work with many contacts and often in close collaboration with many different people both within Volvo cars corporation and externally, for instance our suppliers. As the Feature teamleader, you will be responsible for maintaining the system and ensuring the deliveries.

Main tasks:
• To lead the feature team meetings, to keep the system solution together and manage the implementation of the different nodes, HMI, etc.
• Manage and monitor suppliers' implementations of the specifications and report position / deviation map.
• Starting operations in line with the project plan.
• Implement and document system-FMEA.
• Initiate and implement reviews of proposed system solutions.
• Ensure the validation / verification of an approved system solution.
• Determine component requirements of the defined system solution.
• Determine fundaments for the system solution decision (SDF).
• Participate in wider groups as a specialist for the entertainment system and pursue issues in different FU assignments.

Main deliveries:
• System Description (SKB / SRD)
• Functional implemenation plan (FIP)
• Signal Database Documentation
• Basis for Decision Systems Form (SDF)
• Reports
• FMEA

Who are you?
Qualifications

- System/function development experience from preferable from Telecom industry or similar at least 5 years
- Advantage if working with Telematic or Telephone function/services.
- Experience from the Electrical product development
- Skills in model based development
- Creative
- University education preferable Master in Electrical/IT engineering or similar relevant experience
- Experience of working in an international environment
- Ability to express him/her self both in speech and in writing, Swedish and English

PUESTOS ESPECÍFICOS:

System Designer SA3 IC (REF 94716)

Job description

We are looking for a Systems Engineer for the infotainment system's basic functionality. You will have experience in software development and systems engineering/architectural work. Your main task will include guiding and coordinating the other sub-systems designers. To succeed, you should be interested in improving processes and work methods.

Who are you?
Qualifications

- System/function development experience from preferable from Telecom industry or similar at least 5 years
- Advantage if working with Telematic or Telephone function/services.
- Experience from the Electrical product development
- Skills in model based development
- Creative
- University education preferable Master in Electrical/IT engineering or similar relevant experience
- Experience of working in an international environment