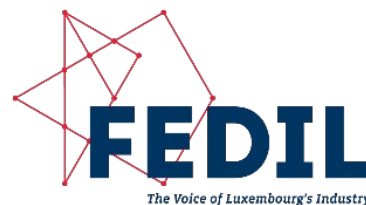


CAMPUS FAIR NEXT 2022

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JOB OFFER

Personal details of the employer	
EMPLOYER	BORGWARNER
SECTOR	Automotive Mechanical Engineering
ACTIVITY / DESCRIPTION	We design and manufacture the systems that define the way the world moves forward. With the world's foremost technologists, engineers and OEMs, we're accelerating the world's transformation to eMobility.
EMPLOYEES NATIONAL	
LOCATION	Luxembourg Bascharage
WEBSITE	www.borgwarner.com
CONTACT	Sarra Sekhara ssekharas@borgwarner.com

JOB OFFER 1

JOB TITLE

Junior System Architect

FUNCTIONS

The system architect is the first contact for project management, customer, and engineering disciplines within the BorgWarner team. They are supporting the trouble shooting on internal and external test facilities and drives the product change process within the Systems Engineering team.

The candidate will evolve in a highly demanding and fast paced environment, all while developing new skills that they will apply to the development of inverter concepts according to stakeholder requirements and define the implementation of functions by hardware and software blocks.

Ultimately, they will be technically leading the System Engineers to develop the inverter functions and become responsible for the alignment of the system concepts.

JOB OFFER

QUALIFICATIONS

Engineering degree in Mechatronics/Electrical/Electronics/ or similar.

- Good foundation knowledge of both hardware and software in embedded systems.
- Understanding of vehicle Inverter and e-Machine systems requirements (electrical machine control) and concepts.
- First experience in Automotive Mechatronic Systems Engineering or e-Mobility is a benefit.
- Knowledge of SysML / UML tools Acquaintance in automotive standards is a plus

LANGUAGES

Fluency in English is required, German a benefit

OTHER INFORMATION (OPTIONAL):

- **Employment contract**
 - ☒ Permanent
 - ☐ Temporary for duration of months
 - ☐ Internship
 - ☐ Other
- **Working time**
 - ☒ Full-time
 - ☐ Part-time for hours/week
 - ☐ Others / comments
- **Remuneration**
- **Workplace location**

Bascharage Luxembourg
- **Other details**

INTERESTED?

Please send application to the following address via

- e-mail : ssekhara@borgwarner.com
- regular post:

JOB OFFER 2

JOB OFFER

JOB TITLE

System Bench Architect Technician

FUNCTIONS

The Systems Bench Architect will be part of a team to ensure all system and software test benches have been designed to meet all of the functional requirements of the projects. This person participate in the definition of the design, procurement of all components, and installation/deployment of all system and software benches. They will collaborate with systems development and test teams, as well as with the hardware and software teams throughout product development process for electrification products.

QUALIFICATIONS

BS in Engineering or related science discipline preferred.
Have 2 or more years' of experience as Systems engineer, Systems/SW Test Engineer or Technician.
Ability to routinely work in a hands-on manner required
Ability to work flexible hours to support multi-shift operation if necessary
Ability to travel domestically and internationally up to 10%
Ability to work under limited supervision
Must be highly aware and adhere to high voltage safety standards and procedures
DSpace/NI/CAN Tool experience (CANstress, CANoe etc.).
Knowledge of Excel/XML/XLST standards.

LANGUAGES

Fluency in English is required, German a benefit

OTHER INFORMATION (OPTIONAL):

- **Employment contract**
 - ✦ *Permanent*
 - *Temporary for duration of months*
 - *Internship*
 - *Other*
- **Working time**
 - ✦ *Full-time*
 - *Part-time for hours/week*
 - *Others / comments*
- **Remuneration**
- **Workplace location**

Bascharage Luxembourg
- **Other details**

JOB OFFER

INTERESTED?

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- e-mail : ssekhara@borgwarner.com

- regular post:

JOB OFFER 3

JOB TITLE

Hardware Architect

FUNCTIONS

The Hardware Architect Engineer is responsible for customer HW requirements management, translation of customer requirements in to detailed HW product requirements, design items, and compliance testing for power electronics inverters. You will be part of a multi-cultural, multi-disciplined product development team, working on latest state of the art 800V SiC and 400V Si / SiC Inverters for Battery Electric Vehicles and Plug-in Hybrid Vehicles for the eMobility mass market.

QUALIFICATIONS

Masters Engineering degree in Electrical/Electronic or an associated field
 Good foundation knowledge in hardware embedded systems
 Experience within effective problem solving methodologies
 Strong communication skills are essential
 Big picture thinker with an eye for details
 Fluency in English is required, German and French are a plus
 Experience in Automotive Electronic or e-Mobility (Hardware) is a benefit.
 High Voltage Inverter experience is a benefit
 AIAG/VDA FMEA training is a benefit

LANGUAGES

Fluency in English is required

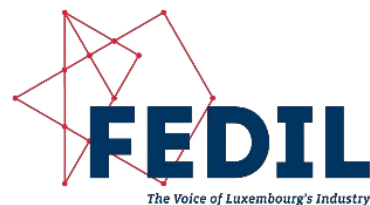
OTHER INFORMATION (OPTIONAL):



Employment contract

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JOB OFFER

<ul style="list-style-type: none"> ○ Permanent ○ Temporary for duration of months ○ Internship ○ Other <ul style="list-style-type: none"> • Working time <ul style="list-style-type: none"> ○ Full-time ○ Part-time for hours/week ○ Others / comments • Remuneration • Workplace location <p><i>Bascharage Luxembourg</i></p> • Other details
INTERESTED?
Please send application to the following address via
<ul style="list-style-type: none"> ▪ e-mail : ssekhara@borgwarner.com
<ul style="list-style-type: none"> ▪ regular post:

OTHER CANDIDATE PROFILES THE COMPANY IS REGULARLY LOOKING FOR
QUALIFICATIONS
LANGUAGES
Fluency in English is required
OTHER REQUIREMENTS

INTERESTED?
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JOB OFFER

▪ e-mail :
▪ regular post: