

Embedded Systems Firmware R&D Engineer

Vehicle Dynamics

Department: **Electronics & Control Systems**
Ljubljana, Slovenia, EU



The Role

We are looking for a highly motivated R&D engineer in the field of embedded systems firmware development at Elaphe Propulsion Technologies. The individual will be responsible for development and implementation of advanced control software for advanced electric vehicle powertrains. We value motivated and innovative candidates who are eager to collaborate with the rest of the team in creating solutions for future EV dynamics.

#JOB #FUN – Vehicle Dynamics Control Systems Engineer

Responsibilities & Requirements

- Developing system architecture
- **Model based SW development according to the specifications**
- Test procedure definition, testing and post-analysis
- Documenting code and prototype vehicle testing sessions
- Tight cooperation with other departments (application engineering, testing, etc.)
- solving intriguing challenges with an analytical approach

General requirements:

- Active knowledge of English (B2 level or better)
- At least a Bachelor's degree (National Vocational Qualification Level VI) in the field of Electrical Engineering, Computer Science, Automotive Control Systems, or similar)
- Ability to efficiently and effectively use MS Office and other general software tools
- Ability to communicate and cooperate within teams and across departments

Specific requirements:

- >Experienced in Simulink and other state-of-the-art simulation tools. Model based SW development familiarity is a plus
- expert in the field of vehicle dynamics
- Experience with firmware development, execution planning, and code reliability
- Knowledge in safety standards, SIL and firmware unit testing (not required, but a plus)
- Experience in automotive applications (not required, but a plus)

What we offer:

- Long-term employment
- Exciting work with advanced prototype vehicles
- High level of responsibilities, work with globally renowned automakers
- Having fun with the most modern technologies – ultimate in-wheel architecture for vehicle dynamics and autonomous vehicles
- Regular and stimulative pay
- Working in a highly-motivated and young development team
- Opportunities for professional and personal growth

Apply: Please send your CV (.pdf) and a short motivation statement***.

You might be a great fit, but do not feel like you fit the profile above – apply anyway and tell us why you think you would be a great contribution to our team!

*** By sending your CV you are providing consent to hold your data for our internal HR purposes. We may keep this data up to two years and only for HR purposes.