Entry-Level Powertrain Simulation Engineer (m/f/d)

LOCATION
Cluj-Napoca

COMPANY
ARRK Research & Development SRL

TYPE OF CONTRACT
Vollzeit

START
as of now

YOUR RESPONSIBILITIES

- You will collaborate closely with a team of passionate engineers to develop the next generation of electric powertrains
- Considering your interests, know-how and project opportunities, you will solve exciting challenges in the fields of structural mechanics (Abaqus, Femfat, Nastran, Ansys), Multi-Body Simulation (Adams, Simpack), 1-D/System simulation (Matlab Simulink), EMAG and EMC (Ansys Maxwell / MotorCAD / HFSS, Flux), gear design (Kissoft, Masta) or SPH (PreonLab).
- You will build and continuously improve your technical and soft skills with support from excellent professional and on-the-job trainings
- You will develop and apply your know-how of components such as gearboxes, differentials and electric motors to bring reality into simulation via complex CAE models
- You will analyze the results, prepare reports and suggest improvements for the next design phases, taking an active part in the complete development chain of the products
- You will use your increasing experience, passion and creativity to research and implement cutting-edge technologies in order to deliver top quality services to key clients in the automotive industry

YOUR PROFILE

- You are passionate and enthusiastic about engineering and/or the automotive industry
- You have a good technical background, obtained through a degree in automotive or mechanical engineering, or a comparable field
- You are motivated to learn and continuously develop your skills
- You are flexible and enjoy working in a dynamic environment
- You are reliable, focused and well-organised
- You are proactive, you thrive when faced with a challenge and you are determined to find innovative solutions
- You like to connect with the colleagues and to work in a friendly atmosphere
- You have good written and spoken English skills
- Previous contact with CAE methods or software is a plus, but not required
- Seniority level: Junior/Mid-Level