



Automotive Engineering Summer Practice 2025 (m/f/x)



LOCATION
Cluj-Napoca



COMPANY
ARRK Research & Development
SRL



CONTRACT TYPE
Full-time



Form of Work
Office

WHAT TO EXPECT

Join us for a comprehensive 3-week summer practice program (30.06.2025 - 18.07.2025) at ARRK, where you'll dive into the complete product development process in automotive engineering. You'll sketch concepts, design 3D parts using CatiaV5 and evaluate their mechanical performance using Finite Element Analysis (FEA). Additionally, you'll gain insights into Advanced Driver Assistance Systems (ADAS) and Digitalization & Software methods, including a brief introduction to Python. This program is **unpaid**, includes lunch and culminates in a certificate of completion.

Deadline for application: **30.04.2025**.

YOUR TASKS

- Understand the overall concept of the company, including the brand, customer, product goals, and all other aspects of service;
- Learn and practice using internal software systems and expand your knowledge with the support of experienced professionals;
- Sketch and design 3D components using best practices in CatiaV5;
- Prepare your components for Finite Element Analysis using ANSA (BETA CAE Systems);
- Evaluate the mechanical behavior of components using NASTRAN/ABAQUS and interpret the results using Metapost/Animator
- Delve into the software world of the automotive development, learning about vehicle communication protocols and software development processes, including a brief introduction to Python;
- Assist in testing and validating software components and systems. Support data collection, analysis, and report preparation;
- Attend presentations by different departments in the company, further expanding your knowledge of the field and current industry methods.

YOUR PROFILE

- 3rd year student with technical background (Automotive Engineering, Mechanical Engineering, Computer science or equivalent), with good grades
- Good English skills: conversational level-B2
- Proactive and reliable attitude
- Motivated to learn more about the automotive industry and develop a career in the field

How to apply:

Please submit your CV and cover letter in English, explaining why you have an interest in this specific summer practice program.

Deadline for application: **30.04.2025**.

YOUR BENEFITS



Exciting projects



Flexible working hours



Employee events



Free coffee & tea



Pleasant working atmosphere



CONTACT

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[Privacy Policy](#)

ARRK Engineering is part of the international ARRK group of companies and specialized in product development. Within the ARRK group of companies we implement product developments from virtual development to prototypes and small series production.

For reasons of simplification, only the masculine form is used in this job advertisement. However, persons of any gender and any orientation are always meant equally.

Our job offer is equally directed at severely disabled persons and persons of equal status.