

Smart Practice 2026 ADAS (m/f/x)

 **LOCATION**
Cluj-Napoca

 **COMPANY**
ARRK Research & Development SRL

 **CONTRACT TYPE**
Full-time

 **Form of Work**
Hybride

WHAT TO EXPECT

- This **Smart Practice** offers a unique opportunity to contribute to the development of an autonomous RC car. Participants will gain hands-on experience in component assembly, C++ programming, software and hardware testing, and the implementation of Advanced Driver Assistance Systems (ADAS) functionalities.
- **Benefits**
 - Direct, hands-on experience with autonomous system development
 - Access to mentorship from experienced engineers and developers
 - Work with state-of-the-art tools and technology
- This **practical training** provides a dynamic, project-based learning environment, ideal for students eager to apply their academic knowledge to real-world innovations in autonomous vehicle technology.

YOUR TASKS

- **Key Responsibilities**

1. Component Assembly (1 position)

Integrate key elements such as Lidar sensors, NVIDIA hardware, and RC car chassis parts.

Raspberry Pi/Arduino & Smart Environment Creation

2. Software Development (4 positions)

C++ Development

- Adapt and enhance the existing C++ codebase powering autonomous functionalities.
- **Testing & Validation**
- Execute tests to ensure the performance and reliability of both hardware and software systems.
- **ADAS Feature Development**
- Collaborate with the team to research and build new ADAS functionalities for enhanced autonomy.

YOUR PROFILE

- Currently enrolled in a Computer Science, Electrical Engineering, or related program
- Basic knowledge of C++
- Interest in robotics, autonomous systems, and automotive technologies
- Strong problem-solving skills and attention to detail
- Comfortable working both independently and as part of a team
- Good communication and collaboration abilities

YOUR BENEFITS



Flexible working
hours



ARRK Engineering
Academy



Free fruit



Hybrid work



Student program

APPLY NOW



CONTACT

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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.