

Internship Hardware Design Engineer for SAM (Iasi)

Ihre Aufgaben

Passionate about hardware? We are looking for a new colleague to join our Hardware Design team, in Active Safety and Motion Control Systems (ASC). Our segment provides highly advanced brake technologies, for all vehicle types. We want to offer, for a skilled engineer (with good electronics knowledge), the chance to work together, to make these systems a reality! A professional and amazing team can't wait to meet you!

Do you want to work as an Internship Hardware Design Engineer in SAM? These should spark your interest:

- Support in performing of specific design analysis at functional module level (e.g. worst case analysis, simulations, statistical calculations);
- Contribute to redesign of hardware modules, according to new customer requirements (e.g. power supplies, microcontrollers, sensors signal interfaces, MOSFET's in H bridge & B6 bridge, gate drive unit drivers);
- Create technical project documentation and perform regular updates. (e.g. product description, circuit module description);
- Support the testing teams in creation of test specifications, based on module requirements;
- Follow company standards regarding applicable procedures;
- Regularly report the status of your tasks to your direct manager;
- Cooperate within our international development teams and synchronize with our internal counterparts.

A mentor will support you to stepwise take over own responsibility, after an initial training phase, which will familiarize you with our products, tools, processes and organization culture.

Ihr Profil

You can be a perfect match to our team if you have:

- Current undergraduate student in **year 2 or 3 of study** at Faculty of Electronics, Telecommunications and Information Technology or Faculty of Electrical Engineering
- Medium-to-high knowledge of reading and understanding of analogue and digital electronic schematics;
- Medium-to-high knowledge of electronic design (analogue and digital: power supplies, sensors interfaces,
- microcontrollers, H bridge, B6 bridge, gate drive unit, BLDC motor control);
- Medium level of English skills - in order to be able to have a fluent discussion with our international colleagues and to read/create technical documentation (specifications / reports);
- Knowledge of following tools: Mathcad, P-SPICE, MATLAB / Simulink, OrCad (it's a plus).



Job ID
REF8890X

Arbeitsbereich
Engineering

Standort
Iasi

Rechtliche Einheit
**AUMOVIO TECHNOLOGIES
ROMANIA S.R.L.**

Unser Angebot

What we offer:

- Annual bonus;
- Meal tickets - With a value of 35 Ron;
- Flexible working time;
- Referral bonuses - We encourage colleagues to refer new candidates to us and, at the same time, to get the chance to receive a bonus;
- Private Health Insurance - Health is the most important, so we offer you private medical insurance which offers a wide range of medical services;
- Discounts at our partners - We collaborate with different vendors, and we receive discounts for various products/ services like rubbers, restaurants;
- System for Rewarding Improvement Ideas - We have an internal improvement program (Idea Management) that gives you the opportunity to come with ideas and to be honored with an attractive bonus (this is established by the CIM team according to your improvement idea);
- Happy days - If you or your child is getting married, or you become a parent, you receive some extra free days;
- Life events celebration - If your family is growing, we praise your newborn with a bonus;
- Unfortunate events - In case of unhappy events in your life, we support you by offering you free days and financial support (handled on a case-by-case basis);
- Expect to start your days of annual vacation days from a minimum of 22 days with extending the period proportional to the length of work within AUMOVIO;
- Sabbatical year - Take up to one year off and come back on the same position, according to our internal policies;
- Professional development - Many opportunities to develop yourself within the company;
- Diversity and multicultural mindset - We encourage you to join us no matter who, where, what you are. We have colleagues from different nations and a variety of languages are spoken in our company;
- In-house restaurant & coffee corner.

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

Über uns

Since its spin-off in September 2025 AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking and comfort systems as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024 the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is

headquartered in Frankfurt, Germany and has about 87.000 employees in more than 100 locations worldwide.