ARENA2036 – WHERE VISIONS BECOME REALITY

At our research campus, visions become innovations. Disruptive technology developments with ecosystem character. Through the unique collaboration of science and industry. Industry 4.0 becomes reality. Driven by specialists from a wide range of disciplines - from the automotive industry to aerospace technology, from textile and materials research to occupational science. We are ARENA2036. A think tank both internally and externally. And as part of the University of Stuttgart, it is no coincidence that we are located at the automotive and high-tech site in Stuttgart-Vaihingen.

ARENA2036 supports the transformation to automation and digitalization in the automotive industry with several initiatives. In the ARENA-X project, we are building an innovation hub that will make the technologies of digitization tangible and testable. For this project and impulses building on it, we are looking for you.

WORKING STUDENT SOFTWARE DEVELOPMENT FOR DATA SPACES (M/F/X)

YOUR SPHERE OF ACTION

- Design with us the principles for an open source data space for the factory of the future
- Join us in implementing a data space testbed that connects the devices in ARENA2036 to each other and to research institutions and companies in Germany.
- Support us in adapting and integrating interfaces to the world of production (operational technology) and in implementing asset administration shells (AAS)
- Provide the resulting data space testbed for our member companies together with our team and implement challenging use cases
- Work closely with our project partners and be part of future-oriented projects
- Be involved in publications of project results in technical journals, at conferences, trade fairs and in social media

YOUR CONFIGURATION

- Studies in mechatronics, computer science, business informatics or comparable
- Experiences in software development
- Skills in higher programming languages such as Java, Python or C++
- Enjoyment of conceptual tasks and use of creative freedom
- Interest in innovative R&D topics in the automotive industry
- Independent and structured way of working

OUR OFFER

- Insights into current developments in data spaces
- Exciting contacts in the industry
- Flexible working hours, possibility to partly work from home
- Cooperative working environment in the research campus
- Opportunity to write your bachelor or master thesis
- Industry-level remuneration
- Flexible work schedule, min. 40 hours / month

YOUR WAY TO ARENA2036

You are already excited? Then wait until you are here on site. The future is just an application away. Send your documents (resume, references, etc.) now to David Görzig, david.goerzig@arena2036.de.

Welcome to ARENA - we look forward to meeting you.