

# Working Student (m/f/d) - Development of a Test Setup for automated testing of ADAS Functions using Carla and ROS2

📍 Munich

Level of experience: Pupils / Students

## Tasks you will take on

As a working student at FD-Tech, you will contribute to the development and enhancement of our testing system for ADAS functions. Our system integrates a simulation environment (Carla), a test manager (Python), and the device under test (ROS2 component). It is distributed across multiple devices and utilizes Docker for containerization.

Your Responsibilities:

- Designing and developing concepts to further enhance the testing system
- Implementing new features and improving existing components (Python, Bash, etc.)
- Integrating ADAS functions into the system (ROS2 & Docker) for validation and demonstration purposes
- Orchestrating and setting up Carla scenarios and managing the results
- Documenting the system and supporting colleagues in setting up and using it

## Your qualifications include

- Enrolled in a degree program in electrical engineering, mechanical engineering, computer science, mathematics, physics, or a related field
- Basic programming experience in at least one of the following: Python or C++
- Familiarity with Unix-based systems
- Experience with ROS2
- Knowledge of Docker is a plus

## Your skills include

- Strong analytical and conceptual thinking abilities
- Excellent teamwork and communication skills
- High level of initiative and curiosity

- Fluent in English, B2 German skills preferred

## What's in it for you

### For more flexibility

We offer individual & flexible working hours, mobile working, flexible work assignments as well as a parent-child office.



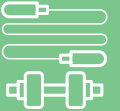
### For your development

We offer individual development paths, further education & training as well as comprehensive onboarding.



### For your well-being

From the company doctor to a wide range of sporting activities such as yoga or volleyball to massage.



### For your strengthening

We offer catering, free coffee specialties & water, daily fresh fruits and 30 vacation days.



### For our team spirit

Regular events take place. From team events to company celebrations and after-work events.



### For your wallet

We offer a Spendit-Card, VWL, a company pension scheme pension plan and a fair basic salary.



## Contact us

We develop functions and associated services for automated driving, driver assistance and mobility.

Send us your cv to [bewerbung@fdtech.de](mailto:bewerbung@fdtech.de).

For more information visit [www.fdtech.de](http://www.fdtech.de).

## HR

FDTech GmbH  
Bornaer Straße 205

09114 Chemnitz  
Germany

✉ [apply@fdtech.de](mailto:apply@fdtech.de)

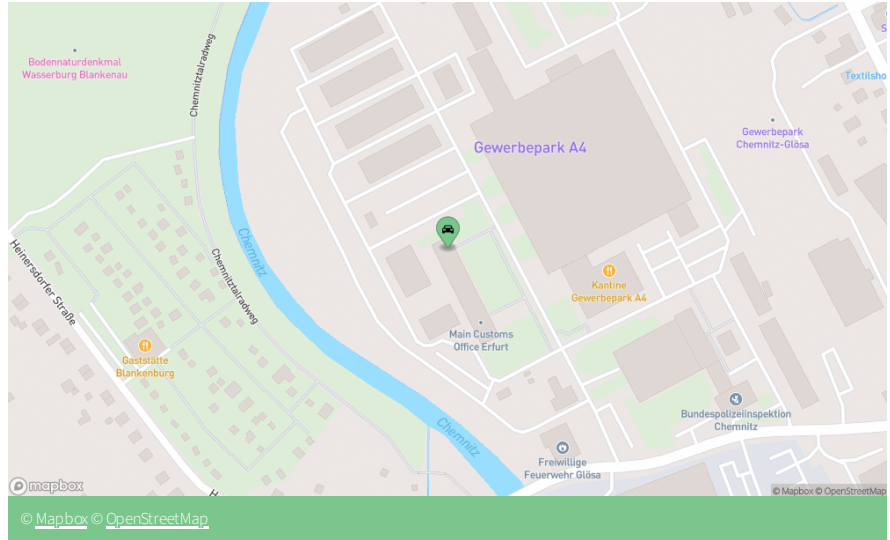


## East

FDTech GmbH  
Bornaer Straße 205

09114 Chemnitz  
Germany

✉ [east@fdtech.de](mailto:east@fdtech.de)

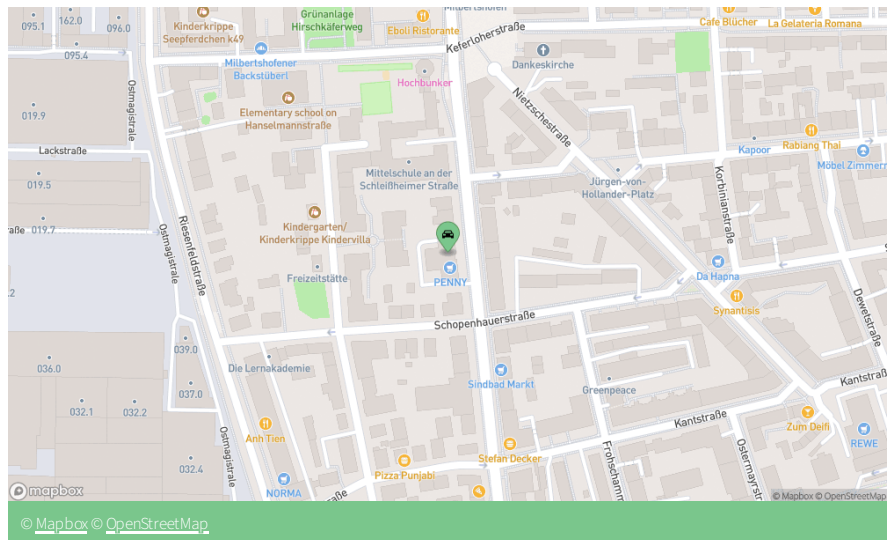


## South

FDTech GmbH  
Schleißheimer Straße 267

80809 Munich  
Germany

✉ [south@fdtech.de](mailto:south@fdtech.de)



## North

FDTech GmbH  
Vor dem Dorfe 15

38554 Weyhausen  
Germany

✉ [north@fdtech.de](mailto:north@fdtech.de)

