

# Praktikum - Security attacks and defense methods regarding traffic light/sign detection - REF79042W

## Your tasks

For our Frankfurt location, we are looking for an intern (m/f/d) to support our team for at least **6 months** starting in **01.04.2025**.

Your tasks will include:

- Assist in the development and implementation of defense methods for object detection in autonomous driving
- Test implemented functions with real world measurements
- Collaborate with engineers and researchers to solve real-world challenges
- Document findings and present results in reports or project meetings

## Your profile

- Student of a technical degree such as Informatik, Elektrotechnik or comparable courses of study
- Good coding skills with C++ and Python
- Familiarity with Linux and command-line environments
- Experience with machine learning and autonomous driving is a plus
- Knowledge in AI security is an advantage
- excellent knowledge in English
- Learning ability and creativity
- Independence and team spirit

Applications from severely handicapped people are welcome.

Please attach your current certificate of enrollment and also your current transcripts of records and an extract of certificate for a mandatory internship. Those documents are mandatory for processing your application. If required, please submit your valid residence permit as well as your work permit including the additional sheet.

## Our offer

- Remunerated internship
- An appreciative working environment
- The chance to put theoretical knowledge into practice and contribute ideas
- Flexible working hours possible in consultation with the manager
- Qualified support from our specialists
- Health-oriented workplace
- Discounts and reductions via our corporate benefits Discounts for various brands from tires and fashion to leisure activities or



Job ID  
**REF79042W**

Field of work  
**Engineering**

Location  
**Frankfurt am Main**

Contact  
**Katharina Stangl**

Legal Entity  
**Continental Automotive Technologies GmbH**

technology products

- Health courses and sports offers
- Company restaurant
- Challenging tasks in the field of autonomous driving
- A collaborative and innovative work environment
- Opportunity to contribute to real-world projects
- Challenging tasks in the field of autonomous driving
- A collaborative and innovative work environment
- Opportunity to contribute to real world projects

Diversity, inclusion and belonging are important to us and make us strong and successful as a company. We offer equal opportunities to everyone regardless of age, gender, nationality, cultural background, disability, religion, ideology or sexual orientation.

Ready to drive with Continental? Take the first step and fill in the online application.

## **About us**

Continental entwickelt wegweisende Technologien und Dienste für die nachhaltige und vernetzte Mobilität der Menschen und ihrer Güter. Das 1871 gegründete Technologieunternehmen bietet sichere, effiziente, intelligente und erschwingliche Lösungen für Fahrzeuge, Maschinen, Verkehr und Transport. Continental erzielte 2024 einen Umsatz von 39,7 Milliarden Euro und beschäftigt aktuell rund 190.000 Mitarbeiterinnen und Mitarbeiter in 55 Ländern und Märkten.

Der Unternehmensbereich Automotive umfasst Technologien für passive Sicherheits-, Brems-, Fahrwerk- sowie Bewegungs- und Bewegungskontrollsysteme. Innovative Lösungen für das assistierte und automatisierte Fahren, Anzeige- und Bedientechnologien sowie Audio- oder Kameralösungen für den Innenraum gehören ebenso zum Portfolio wie intelligente Informations- und Kommunikationstechnik für Mobilitätsdienstleistungen für Flottenbetreiber und Nutzfahrzeughersteller. Umfassende Aktivitäten rund um Vernetzungstechnologien und Fahrzeugelektroniken bis hin zu Hochleistungscomputern ergänzen das Angebot.