Internship - AI-based Mobile Robotics in the AI Lab Berlin - REF48744R

Your tasks
To support our research in the field of "AI robotics", with a focus on our mobile robotics application of last mile delivery, we are currently seeking an intern (m/f/d) with an immediate starting date for a duration of 3–5 months at our location in Berlin. It is possible to combine a compulsory internship with a voluntary internship.

You will work in a dedicated, innovative team of Continental employees (m/f/d), Ph.D. students (m/f/d), and students (m/f/d) at our AI Lab in Berlin.

As part of our AI robotics team, your tasks as an intern will include:

- Work with our local project team on the deployment of our last mile delivery robot Corriere on our test sites and in public space in Berlin
- Setup and configure our AI-based autonomous navigation software stack as well as the teleoperation on our real-world robots
- Test and evaluate our robot Corriere under real-world conditions with respect to defined criteria such as safety measures
- Adapt existing and develop new functionalities for our AI-based software stack and cloud services
- Apply your knowledge to real-world robotics applications hands-on
- Be an active member of our young research focused team of students (m/f/d), Ph.D. students (m/f/d) and Ph.D.s (m/f/d) at our AI Lab Berlin

Your profile

- Studies in Computer/ Electrical/ Electronic/ Mechatronic/ Mechanical Engineering, Computer Science or other MINT discipline
- Knowledge in at least one of the following fields: machine learning, computer vision, navigation, localization/mapping, control theory and dynamics or optimization
- Good programming skills in, e.g., Python, C++, Rust, Matlab or other is a must
- Basic knowledge of Robot Operating System (ROS) is required, advanced knowledge of ROS is a plus
- First experience with real-world systems, ideally in robotics, is a plus
- Confident handling of MS Office-programs
- Fluent English language skills, written and spoken, German language skills are a plus
- Self-directed and able to work without supervision
- Energetic and eager to learn
- Ability to work in a team and intercultural skills

Please remember to upload your current certificate of enrollment as well as your current transcript of grades and if necessary an excerpt from the current study regulations regarding completion of an internship, as
these are mandatory for processing your application. If required, please submit your valid residence permit as well as your work permit including the additional sheet.

Applications from severely handicapped people are welcome.

Our offer

- Our group offers a nice, friendly, and inspiring environment for performing research
- Support and close collaboration with experienced Research Scientists
- High-performance GPU infrastructure to conduct excellent work
- Excellent location in downtown Berlin at "co-working space AI Campus"
- Ability to join journal clubs, networking events and technical exchanges on the campus
- Together with our team, you will have the chance to apply and enhance your skills and let our robotics applications come alive in Berlin

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

About us

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2022, Continental generated sales of €39.4 billion and currently employs around 200,000 people in 57 countries and markets.