WORKING STUDENT (M/W/D)

fortiss is the state research institute of the Free State of Bavaria for the development of software-intensive systems, based in Munich. The scientists at the institute work in research, development and transfer projects with universities, research institutions and technology leaders in Bavaria, Germany and Europe. They research and develop methods, techniques and tools for reliable, secure and comprehensible software solutions and artificial intelligence applications. Fortiss is organised in the legal form of a non-profit limited liability company. The shareholders are the Free State of Bavaria (majority shareholder) and the Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (Fraunhofer Society for the Promotion of Applied Research).

To strengthen our Machine Learning team, we are looking for a

Working Student (m/w/d) for MLOps Part-time

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Your Tasks:

new
- Implement and finetune different vision-based machine learning architectures using MMLab pipelines.
- Modify and expand MMLab functionalities and entry points to fit research team development requirements.
- Work on computer vision tasks, e.g., object detection, pose estimation, tracking, etc.

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Who We Are and How We Work:

- We exchange ideas on projects and new tasks in weekly meetings.
- We always keep our common goal in mind and support each other in achieving it.
- Our cooperation is characterized by flat hierarchies and teamwork.
- We always have an open ear for new ideas, and we tackle new challenges together.
- Enthusiasm for scientific work and research projects invites us to exchange ideas.

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What You Should Bring:

- Experience with object-oriented programming.
- Hands-on experience with MMLab pipeline. Familiarity with the MMdet, MMdet3d, MMpose and MMYolo are a plus.
- Hands-on experience in implementing deep learning solutions using Python and PyTorch.
- Completion of a bachelor's degree and current enrollment in a Master's degree program in electrical engineering, computer science, information systems, or a related field.
- Solid background knowledge in deep learning and computer vision, preferably with experience in self-supervised learning and tracking.
- Excellent communication skills in both spoken and written English.

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What We Can Offer You:

- Part-time working student contract.
- An international and dynamic work environment surrounded by highly qualified colleagues.
- Opportunities to gain experience with the latest developments in deep learning and numerous avenues for professional and personal growth.
- Exposure to industry work and research, providing valuable insights into real-world applications.

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Are You Interested?

Then we look forward to receiving your complete application with curriculum vitae, Github link, and current transcript.

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